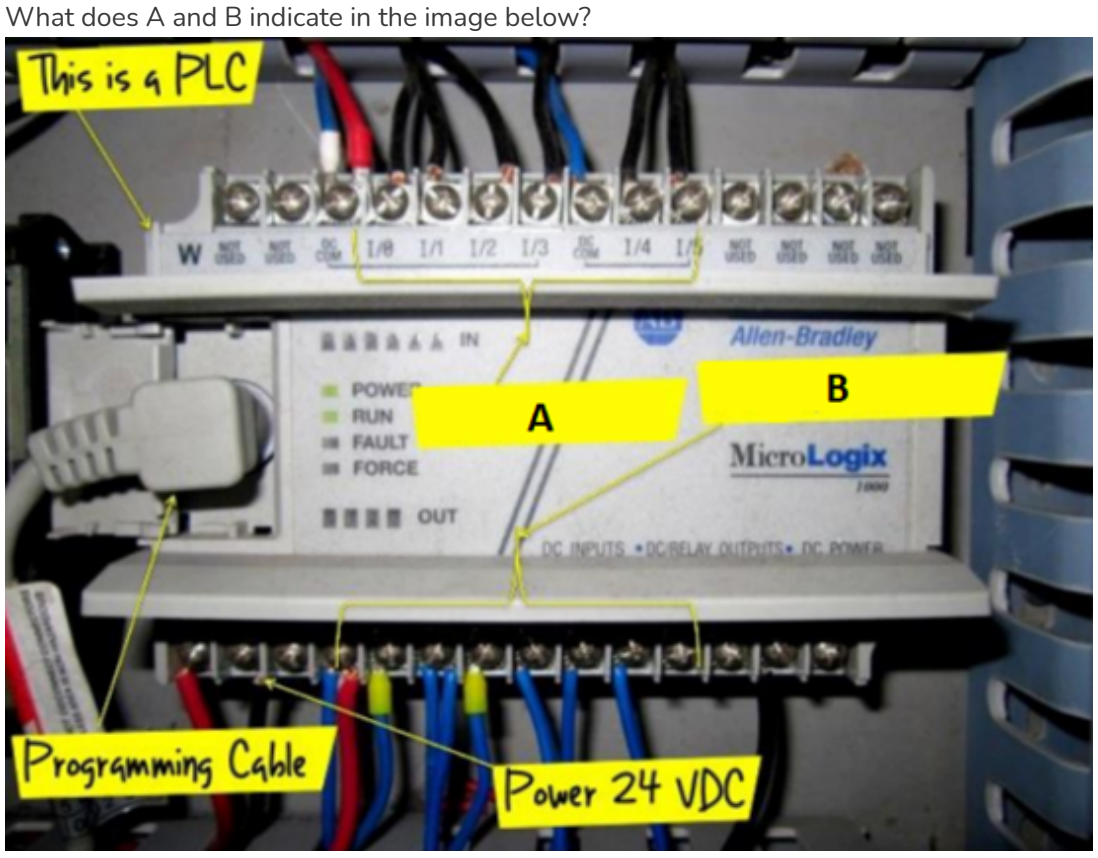
Ölçme & Değerlendirme

Geri

#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
1	What does the figure below indicate in PLC?  **A:** Normally Open Pushbutton **B:** Normally Open Switch **C:** Normally Closed Switch **D:** Normally Open Contact	1	6,00	B
2	What does HMI stand for? **A:** Human Motor Interface **B:** Human Motor Interactive **C:** Human Machine Interface **D:** Human Machine Interactive	1	7,00	C
3	Fill in the blank. An ____ is one which is continuously variable between two limits. That means it can have any value (within limits) at any time. **A:** Analogue signal **B:** Digital signal **C:** Discrete signal **D:** None of the above	1	7,00	A

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
4	What does the figure below indicate in PLC?  **A:** Normally Open Pushbutton **B:** Normally Closed Pushbutton **C:** Normally Closed Switch **D:** Normally Open Contact	1	7,00	A
5	What does A and B indicate in the image below?  **A:** A:Input Terminals | B: Input Terminals **B:** A:Input Terminals | B: Output Terminals **C:** A:Output Terminals | B: Input Terminals **D:** A:Output Terminals | B: Output Terminals	1	7,00	B

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
6	Which of the following is not an output module? **A:** Thermocouple **B:** Control Valve **C:** Lamp **D:** Motors	1	7,00	A
7	Fill in the blank. ____ is one which is changes in discrete steps between two limits. That means it can only have certain values at certain times. **A:** Analogue signal **B:** Digital signal **C:** Discrete signal **D:** None of the above	1	7,00	B
8	What should solenoids, lamps, motors be connected to in the PLC? **A:** Analog output **B:** Analog input **C:** Digital input **D:** Digital output	1	6,00	D
9	Which of the following is not an input module? **A:** Encoders **B:** Any Analogue/Digital Sensors **C:** Thermocouple **D:** Solenoid Valve	1	7,00	D

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
10	Which of the following is an example of discrete (digital) control? **A:** Turning a lamp on/off **B:** Varying the brightness **C:** Controlling the speed of a motor **D:** None of the above	1	6,00	A

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Ölçme & Değerlendirme

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
11	What does PLC stand for? **A:** Programmable Logic Controller **B:** PID Logic Controller **C:** Programmable Load Controller **D:** PID Loop Controller	1	7,00	A
12	Which of the following are the reasons for using automation? **A:** To Reduce Human Efforts and Production Time of Product **B:** To Increase Productivity of Product. **C:** To Improve Quality of Product and Safety in Working Condition **D:** All of Above	1	7,00	D
13	Fill in the blank. When _____ is activated, they cut off the power supply through them. **A:** Normally open type contacts **B:** Normally closed type contacts **C:** Normally closed type and normally open type contacts **D:** None of the above	1	6,00	C

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
14	What does the figure below indicate in PLC?  **A:** Normally Open Pushbutton **B:** Normally Closed Pushbutton **C:** Normally Open Switch **D:** Normally Closed Switch	1	6,00	B
15	Which of the following employees is not directly connected to the PLC? **A:** Valve **B:** Relay **C:** Contactor **D:** Engine	1	7,00	D

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
1	Which of the following stylish is not considered in the choice of PLC? **A:** To the number of input outputs **B:** Input output types (numerical / analog) **C:** To programming facilities **D:** To their colors	2	6,00	D
2	Which of the following is not connected to the input and output units of PLC ? **A:** Button **B:** Switch **C:** Sensor **D:** Transformer	2	6,00	D
3	Which of the following is one of the main units of PLC? **A:** Button **B:** Contactor **C:** CPU **D:** Relay	2	7,00	C
4	Which of the following is one of the most important areas of PLC? **A:** Communication **B:** Image communication **C:** Automation operations **D:** None of the above	2	7,00	C

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
5	Which of the following is the advantages of PLC "? **A:** The processing speed is high. **B:** Has the ability to communicate **C:** Has ambient durability. **D:** All of the above	2	7,00	D
6	Which of the following is the memory element? **A:** Mind **B:** Electronic device **C:** Button **D:** Eprom	2	6,00	D
7	What does PLC stand for? **A:** Programmable Logic Controller **B:** PID Logic Controller **C:** Programmable Load Controller **D:** PID Loop Controller	2	6,00	A
8	If relay systems are compared to PLC, which is the superiority of PLC? **A:** Designing the control circuit is more difficult than than the design of a relay circuit. **B:** They take up much more space than relay control circuits. **C:** The reliability is high, easy to maintain. fault in circuits facilitate searching. **D:** PLC is more insecure than relayed control circuits in bad environmental conditions.	2	7,00	C

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
9	Which of the following should be done to create a sealed contact for the motor circuit? **A:** The not of the start button must be connected in parallel to the start button. **B:** The not of the stop button must be connected in parallel to the start button. **C:** The not of the motor output must be connected in parallel to the start button. **D:** The motor output must be connected in parallel to the start button.	2	7,00	D
10	Which of the following is considered in the selection of non-contact sensors? **A:** The structure of the output signal (although relay-PNP-NPN). **B:** To the type of material to be detected **C:** The working environment should be considered **D:** All of the above	2	7,00	D

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
11	Which statement of the following best describes PLC? **A:** microcontroller **B:** electronic device **C:** computer **D:** regulator	2	7,00	A
12	What does the figure below indicate in PLC? **A:** Normally Open Pushbutton **B:** Normally Closed Pushbutton **C:** Normally Open Switch **D:** Normally Closed Switch	2	7,00	D
13	Which of the following classics are required to expansion units? **A:** To increase the cost **B:** To make relay connection **C:** When more input needs are needed **D:** To connect sensors	2	6,00	C

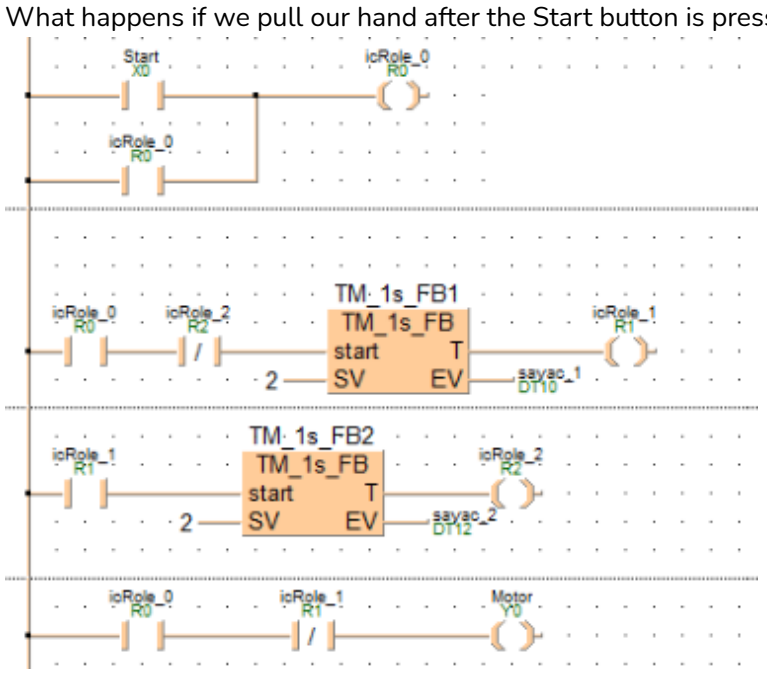
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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
14	What does the figure below indicate in PLC?  **A:** Normally Open Pushbutton **B:** Normally Open Switch **C:** Normally Open Contact **D:** Normally Closed Contact	2	7,00	C
15	What does the figure below indicate in PLC?  **A:** Normally Open Pushbutton **B:** Normally Closed Pushbutton **C:** Normally Open Contact **D:** Normally Closed Contact	2	7,00	D

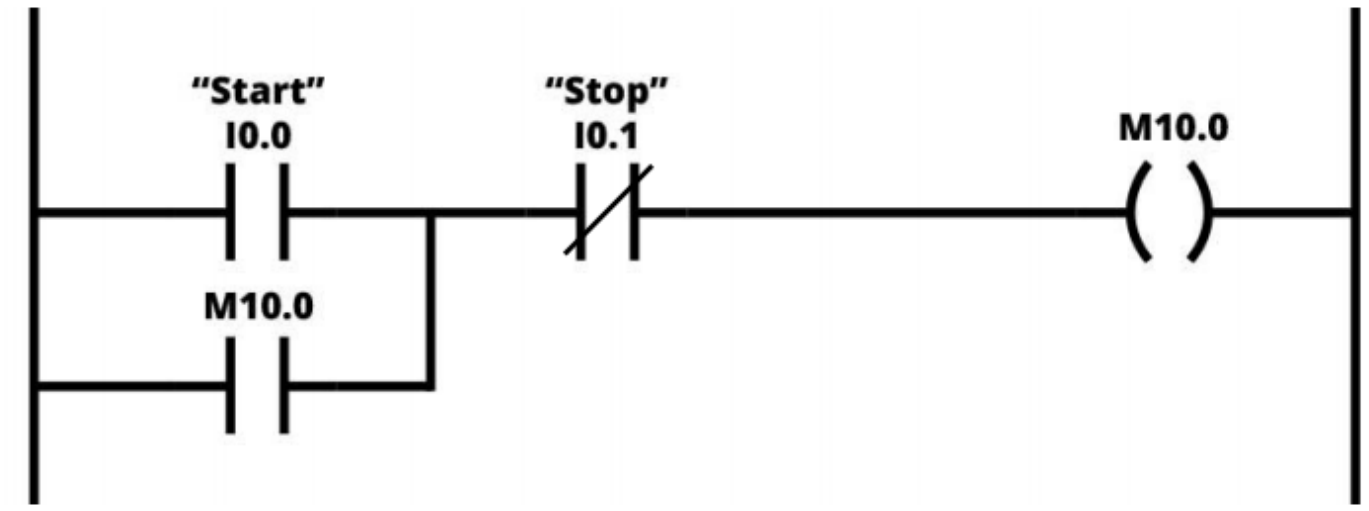
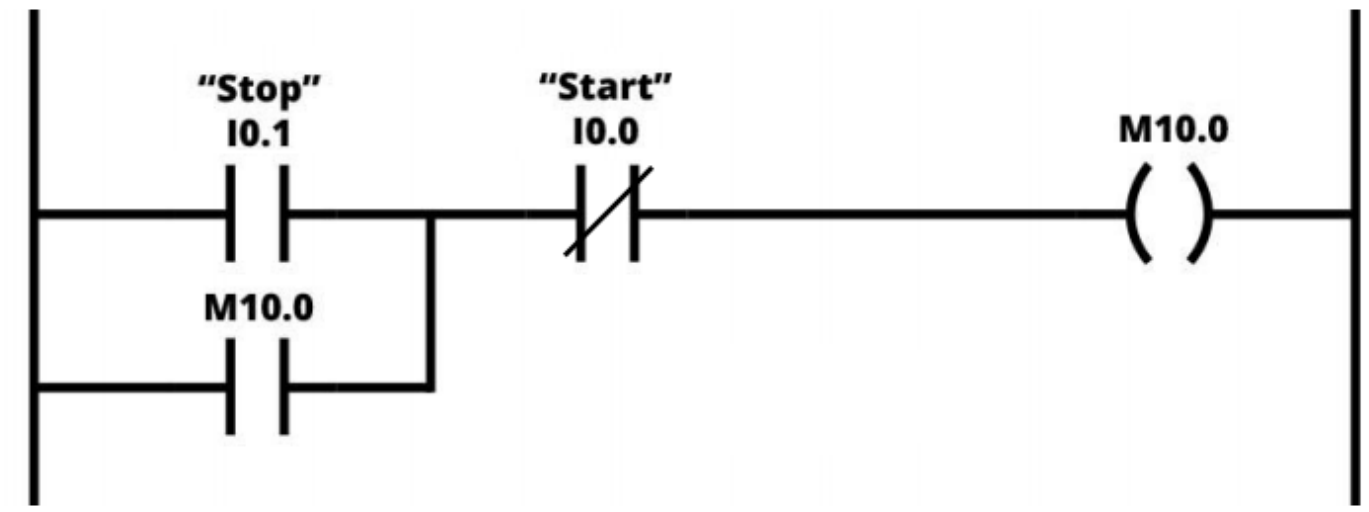
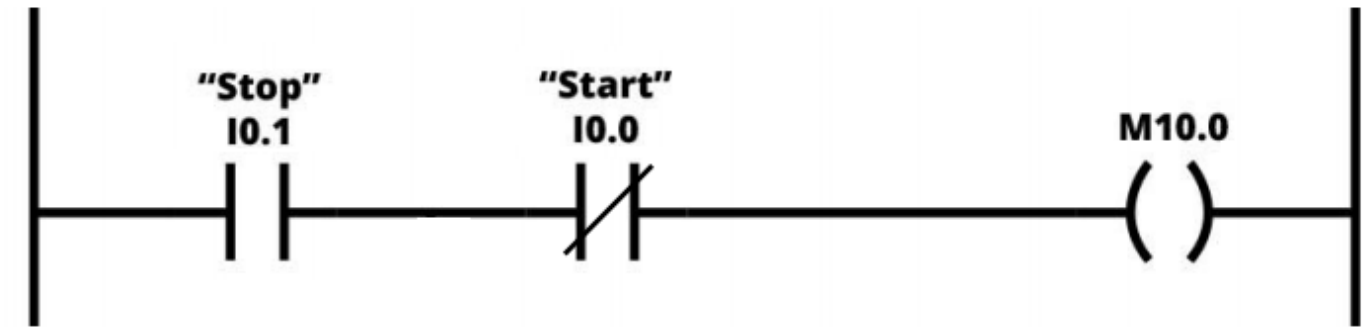
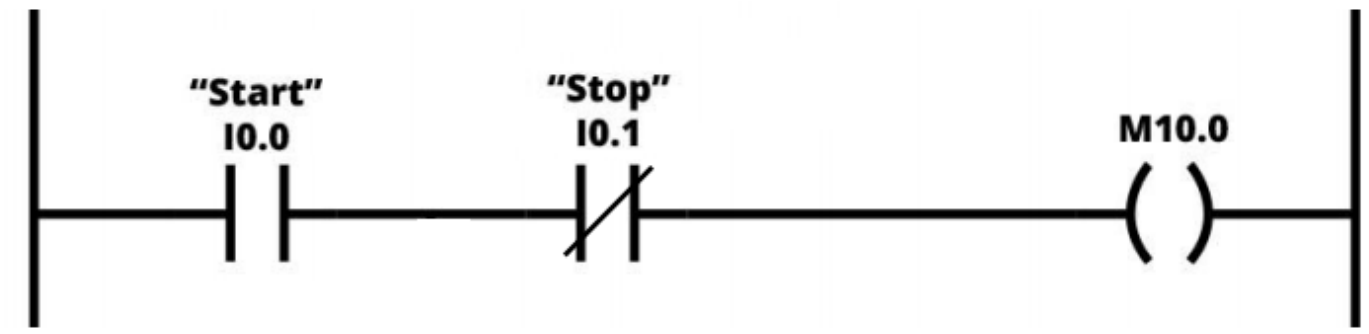
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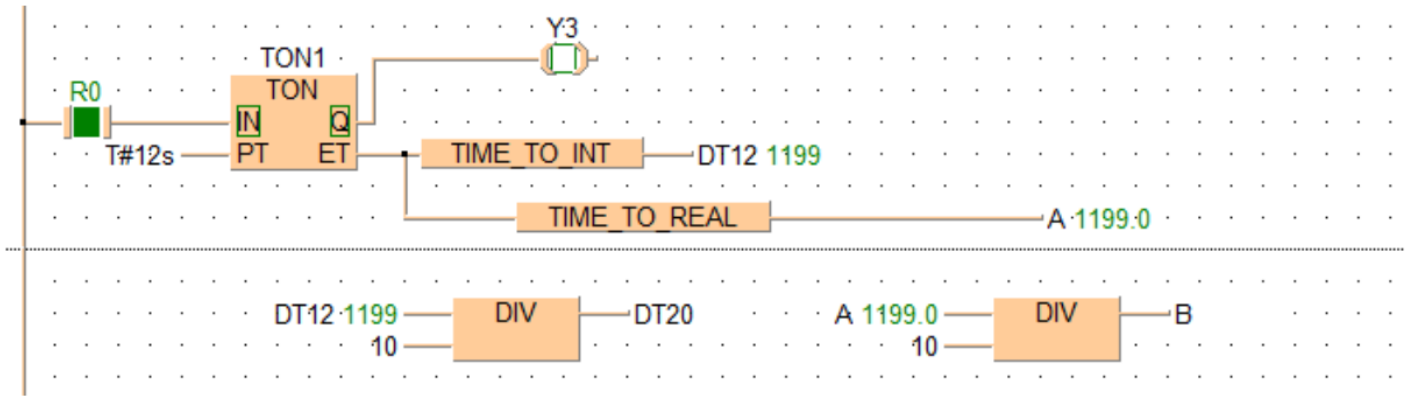
Geri

#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
1	Which of the following specifies the number of PLC's input and exit? **A:** Capacity **B:** Cycle time **C:** Speed **D:** The type of entrance exit elements	3	7,00	B
2	What happens if we pull our hand after the Start button is pressed in the PLC program below?  **A:** The engine runs immediately, stops after 2 seconds, runs again after 2 seconds **B:** The engine stops for 2 seconds first, runs for 2 seconds, stops for 2 seconds **C:** The engine always runs **D:** The engine never runs	3	7,00	A
3	Which of the following do you see when I detect PLC's input and output ends? **A:** To the catalog of PLC **B:** To the back side of PLC **C:** To the side face of PLC **D:** To the picture of PLC	3	7,00	C

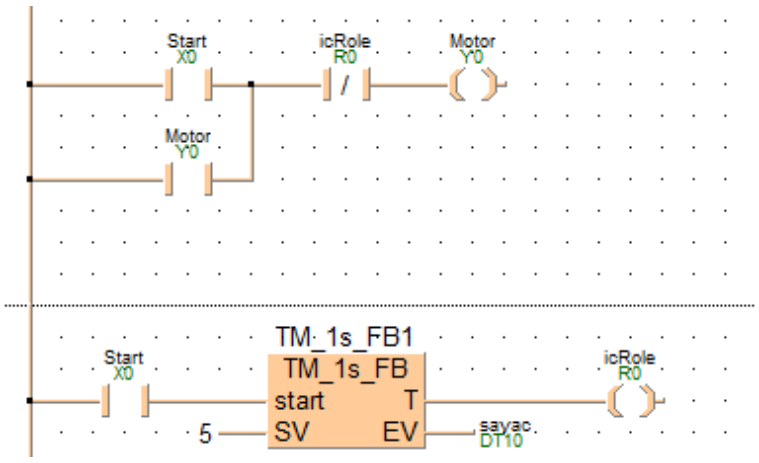
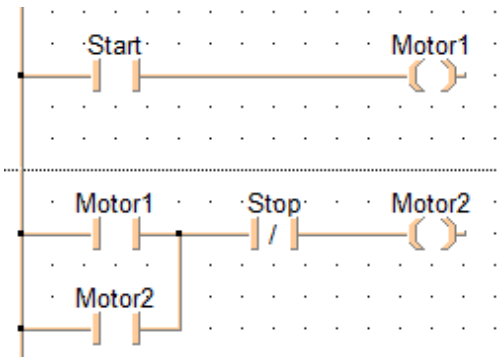
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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
4	Which of the following ladder diagrams should be used for an M10.0 motor that starts with the "Start" I0.0 button and stops with the "Stop" I0.1 button? A:  B:  C:  D:  	3	7,00	D

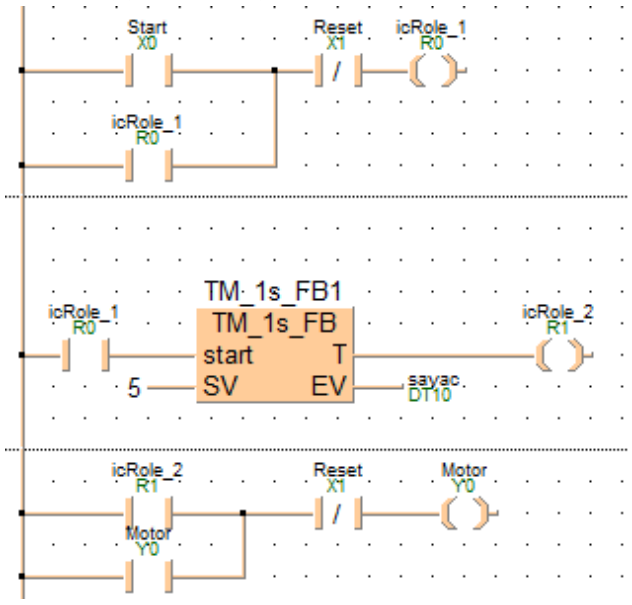
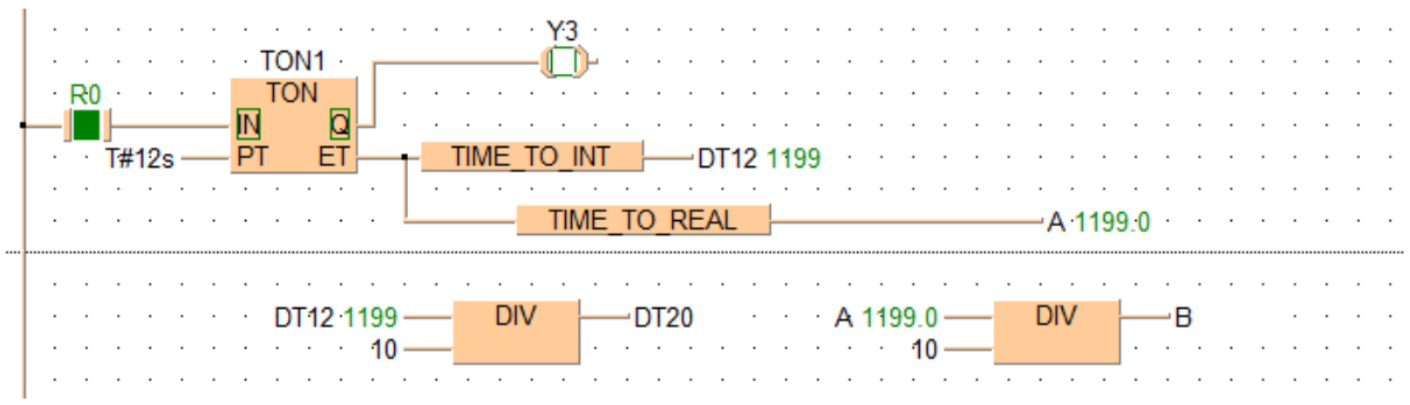
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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
5	Which of the following is the output element? **A:** Relay **B:** Valve **C:** Lamp **D:** All of the above	3	7,00	D
6	What will be the value of DT20 at the time given in the PLC program below?  **A:** 119 **B:** 120 **C:** 119.9 **D:** 120.0	3	7,00	C

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
7	What happens if we pull our hand after the Start button is pressed in the PLC program below?  **A:** Engine starts to run after 5 seconds **B:** Engine runs for 5 seconds, then stops **C:** Engine stops at 5 split second (= 5 salise =0.5 seconds), then runs **D:** Engine starts to run after 5 split second (= 5 salise =0.5 seconds)	3	6,00	D
8	What happens if we pull our hand after the Start button is pressed in the PLC program below?  **A:** Motor 1 runs , motor 2 runs **B:** Motor 1 runs , motor 2 stops **C:** Motor 1 stops, motor 2 runs **D:** Motor 1 stops , motor 2 stops	3	6,00	C

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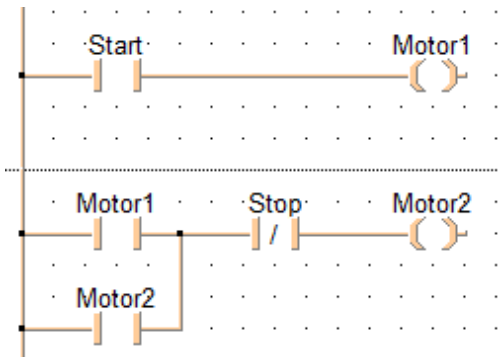
#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
9	What happens if we pull our hand after the Start button is pressed in the PLC program below?  **A:** Engine runs for 5 seconds, then stops **B:** Engine starts to run after 5 seconds **C:** Engine stops at 5 split second (= 5 salise =0.5 seconds), then runs **D:** Engine starts to start after 5 split second (= 5 salise =0.5 seconds)	3	7,00	D
10	What will be the value of B at the time given in the PLC program below?  **A:** 119 **B:** 120 **C:** 119.9 **D:** 120.0	3	7,00	C

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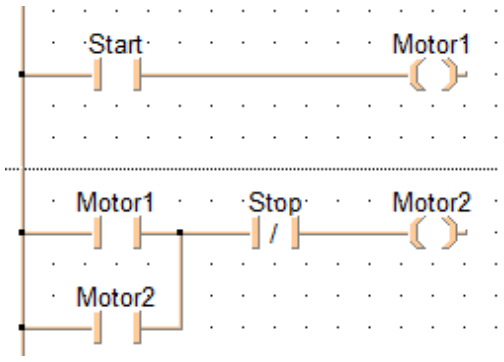
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Geri

#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
11	In one application, an analogue lamp will be burned when the analog temperature measurement with PLC and over the specific threshold value. The process of transaction in PLC is given correctly in which of the following? **A:** ADC, CPU, DAC **B:** DAC, CPU, ADC **C:** CPU, DAC, ADC **D:** CPU, ADC, DAC	3	6,00	A
12	What happens if we take our hand after pressing the Start button in the PLC program below, and then press the Stop button?  **A:** Motor 1 runs , motor 2 runs **B:** Motor 1 runs , motor 2 stops **C:** Motor 1 stops, motor 2 runs **D:** Motor 1 stops , motor 2 stops	3	6,00	C
13	Which of the following is used as a symbol of PLC's input address? **A:** G **B:** I **C:** Q **D:** Ç	3	7,00	B

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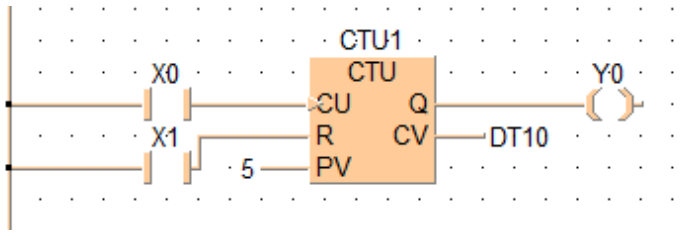
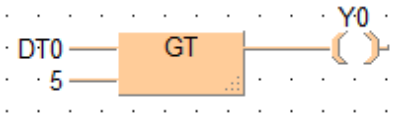
#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
14	Which of the following is used as a symbol of PLC's output address? **A:** G **B:** O **C:** Q **D:** Ç	3	7,00	C
15	What happens when pressed on the START button in the PLC program below?  **A:** Motor 1 runs , motor 2 runs **B:** Motor 1 runs , motor 2 stops **C:** Motor 1 stops, motor 2 runs **D:** Motor 1 stops , motor 2 stops	3	6,00	C

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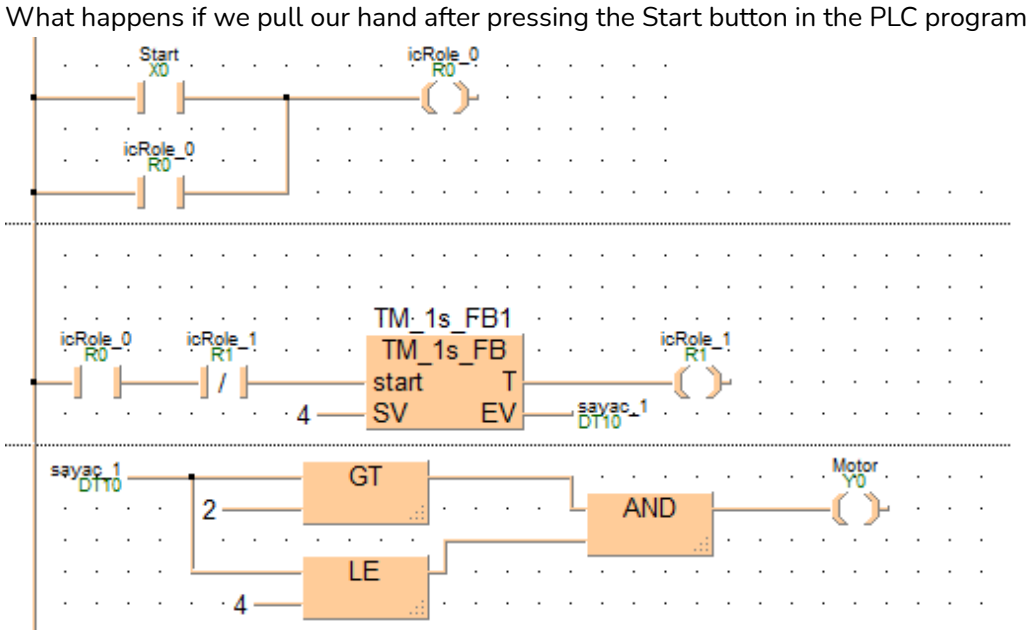
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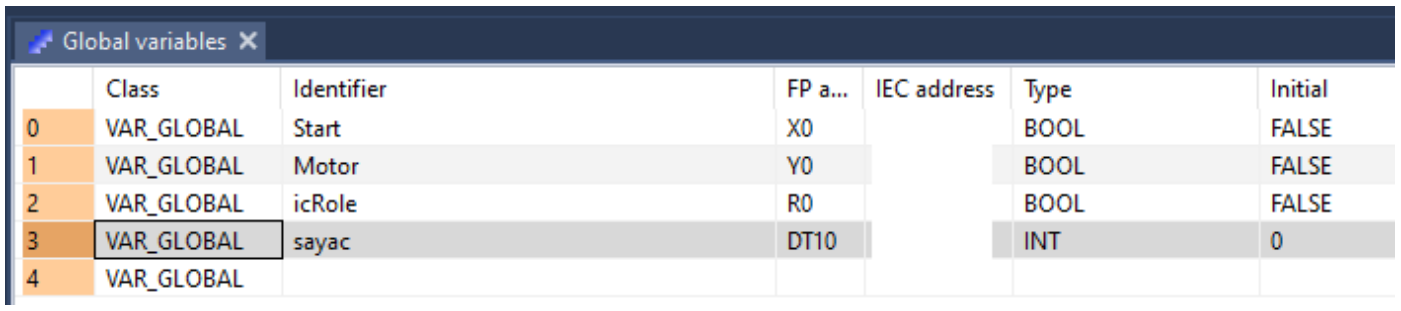
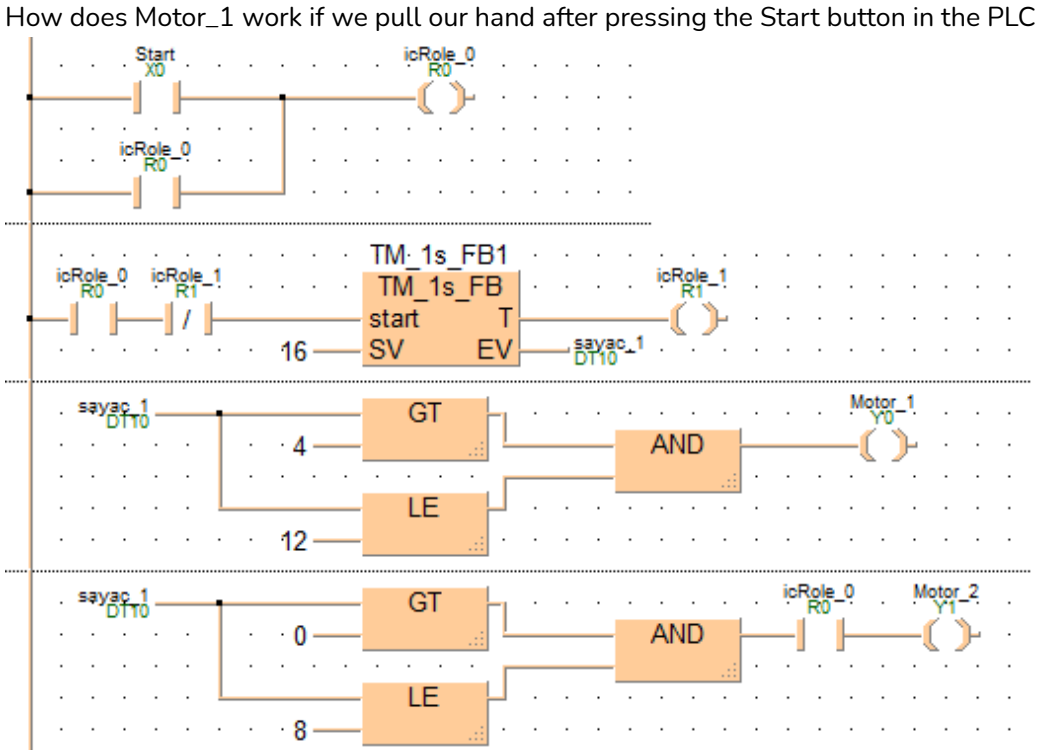
Geri

#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
1	After pressing and pulling X1 once in the PLC program, how many times X0 is pressed, Y0 lights up, and when Y0 is first lit, what will be the value of DT10 variable?  **A:** X0 must be pressed 4 times, DT10 becomes 4 **B:** X0 must be pressed 4 times, DT10 becomes 0 **C:** X0 must be pressed 5 times, DT10 becomes 5 **D:** X0 must be pressed 5 times, DT10 becomes 0	4	7,00	C
2	In the PLC program below, what should be at least given to DT0 variable for Y0 to light?  **A:** 4 **B:** 5 **C:** 6 **D:** 7	4	7,00	C
3	Which of the following specifies the difference between the button and the switch? **A:** Buttons are smaller structure. **B:** Switches are larger than they are manufactured. **C:** When the button is left, it comes to the old position again. **D:** When the switch is left, it comes to the old position again.	4	6,00	C

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
4	Which of the following is not an input element to the PLC? **A:** Button **B:** Engine **C:** Analog signalling **D:** Contactless sensors	4	7,00	B
5	When connecting a coiled receiver such as a relay to the output of the PLC, which of the following is considered? **A:** To the recipient's model **B:** The type of receiver **C:** To connect a protective diode to the ends of the receiver. **D:** Connecting a signal lamp to the ends of the receiver	4	7,00	C
6	What happens if we pull our hand after pressing the Start button in the PLC program below?  **A:** The engine starts immediately, stops after 2 seconds, restarts after 2 seconds **B:** The engine first stops for 2 seconds, runs for 2 seconds, stops for 2 seconds **C:** The engine always runs **D:** The engine never runs	4	7,00	D

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
7	Which of the following should be the IEC address of the global variable with FP address "Y0" defined as "Motor" below?  Global variables Class / Identifier / FP a... / IEC address / Type / Initial 0 VAR_GLOBAL Start X0 BOOL FALSE 1 VAR_GLOBAL Motor Y0 BOOL FALSE 2 VAR_GLOBAL icRole R0 BOOL FALSE 3 VAR_GLOBAL sayac DT10 INT 0 4 VAR_GLOBAL **A:** %IX0.0 **B:** %QX0.0 **C:** %MX0.0.0 **D:** %MW5.10	4	7,00	A
8	How does Motor_1 work if we pull our hand after pressing the Start button in the PLC program below?  **A:** Motor_1 runs from 0 to 8 seconds, other times it stops **B:** Motor_1 runs from 4 to 8 seconds, other times it stops **C:** Motor_1 runs from 4 to 12 seconds, other times it stops **D:** Motor_1 runs from 8 to 16 seconds, other times it stops	4	7,00	C

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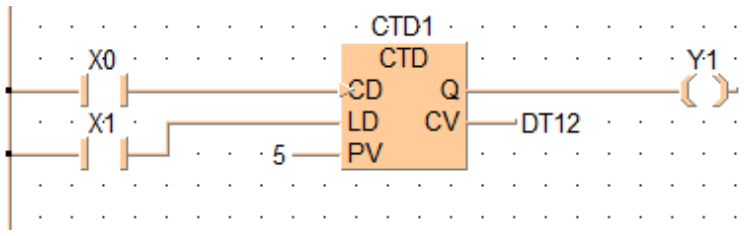
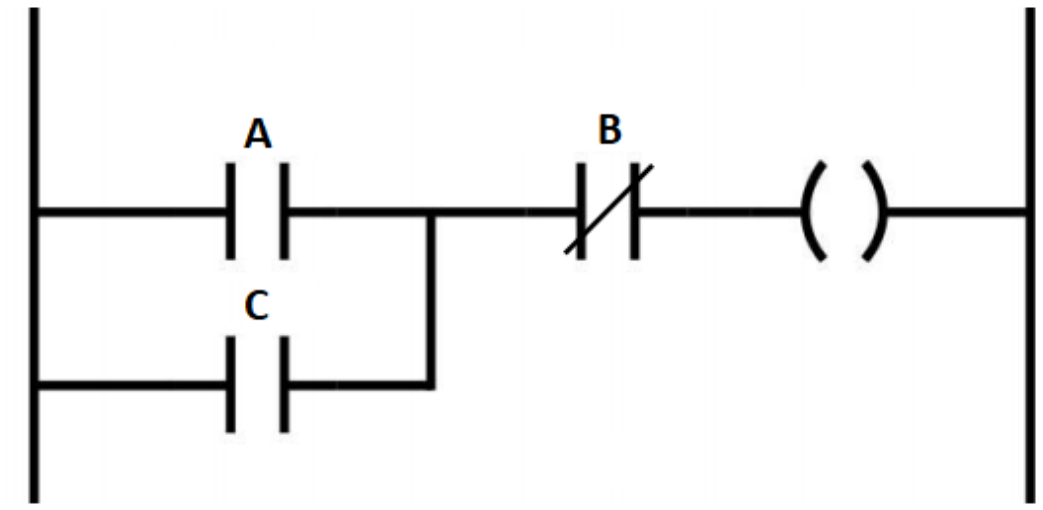
#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
9	In which of the following stylish is PLC feed connection is not considered? **A:** To the supply voltage of PLC **B:** To the type of voltage **C:** To connect the cables under voltage **D:** To the brand of PLC	4	6,00	D
10	Which of the following is the use of contactors? **A:** Electrical circuits **B:** The Ringing Circuits **C:** Lighting circuits **D:** Automation Systems	4	6,00	D

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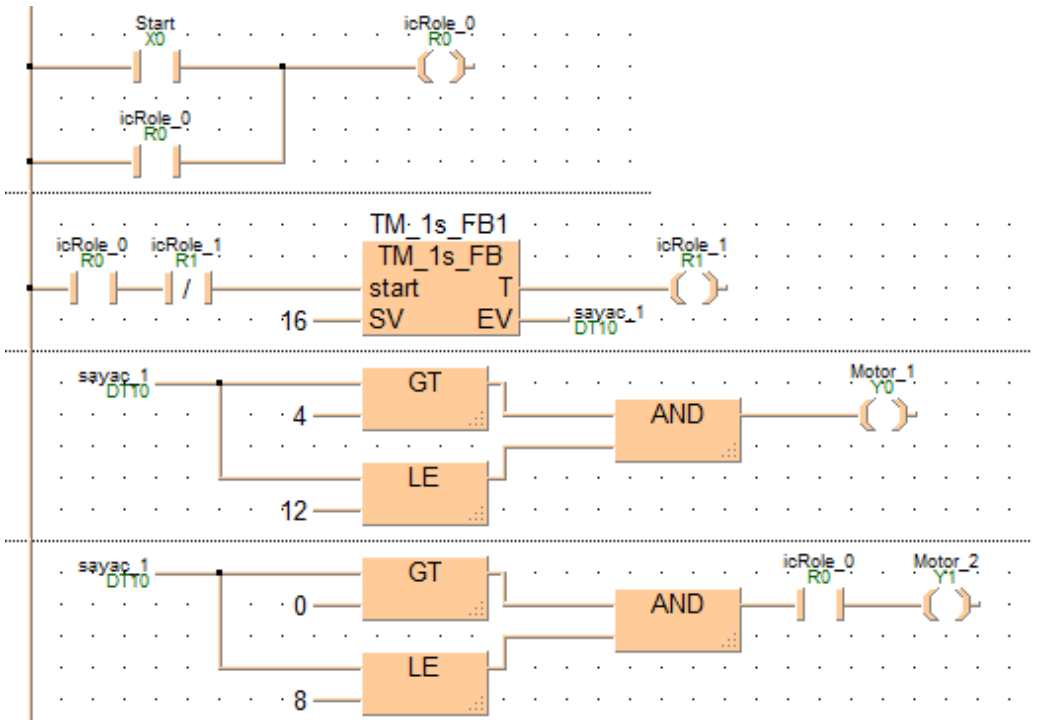
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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
11	In the PLC program below, after pressing X1 once and pulling, how many times the X0 button is pressed, Y0 lights up and when Y0 first lights, what will be the value of DT12 variable?  **A:** X0 must be pressed 4 times, DT12 becomes 4 **B:** X0 must be pressed 4 times, DT12 becomes 0 **C:** X0 must be pressed 5 times, DT12 becomes 5 **D:** X0 must be pressed 5 times, DT12 becomes 0	4	7,00	C
12	What is the logical equivalent of the PLC program below?  **A:** not(B) + (A.C) **B:** not(B)(A+C) **C:** not(B)(A+C) **D:** not(B)+(A+C)	4	6,00	B

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
13	How does Motor_2 work if we pull our hand after pressing the Start button in the PLC program below?  **A:** Motor_2 runs from 0 to 8 seconds, other times it stops **B:** Motor_2 runs from 4 to 8 seconds, other times it stops **C:** Motor_2 runs from 4 to 12 seconds, other times it stops **D:** Motor_2 runs from 8 to 16 seconds, other times it stops	4	7,00	C
14	When connecting non-contact sensors to electrical control circuits, which of the following should be considered? **A:** Type of operating voltage (AC or DC) **B:** PNP and NPN **C:** Parelel attachments **D:** All of the above	4	6,00	A

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#	Soru	Zorluk Seviyesi	Soru Puanı	Verilen Cevap
15	Which of the following should be the IEC address of the global variable with FP address "X0" defined as "Start" below? Global variables Class | Identifier | FP a... | IEC address | Type | Initial 0 | VAR_GLOBAL | Start | X0 | | BOOL | FALSE 1 | VAR_GLOBAL | Motor | Y0 | | BOOL | FALSE 2 | VAR_GLOBAL | icRole | R0 | | BOOL | FALSE 3 | VAR_GLOBAL | sayac | DT10 | | INT | 0 4 | VAR_GLOBAL | | | | |	4	7,00	A

A:
%IX0.0

B:
%QX0.0

C:
%MX0.0.0

D:
%MW5.10

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