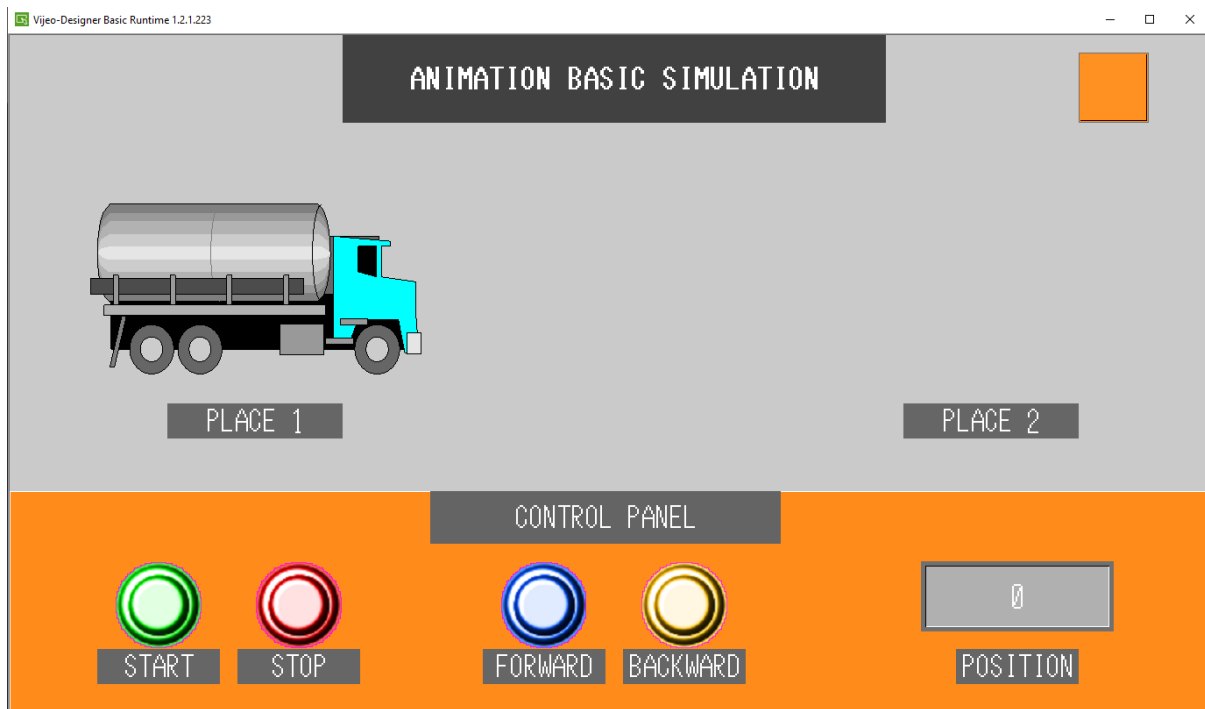


## PLC Exercise : Basic Moving Animation



### IO Mapping

- Input

NO	Symbol	Address
1	START	%M0
2	STOP	%M1
3	FORWARD	%M2
4	BACKWARD	%M3

- Output

NO	Symbol	Address
1	POSITION	%MW0
2	Indicator	%M10

### Description

1. Click START to begin the simulation, the indicator on top-right-corner will change from red to orange when simulation is started.
2. Click FORWARD to move the truck from PLACE 1 to PLACE 2, the position value will be showed in POSITION tab in CONTROL PANEL.
3. After POSITION reach "10", truck will stop at PLACE 2
4. BACKWARD will able to be click after the truck reach PLACE 2 or POSITION "10"
5. Click BACKWARD to move the truck from PLACE 2 to PLACE 1. The truck will stop when POSITION reach "0"
6. STOP button is to deactivate the FORWARD and BACKWARD button
7. BACKWARD button is only able to be clicked when truck reach PLACE 2 or POSITION "10"