```
1    //Set up a basic motor control system using a PLC.
2    //The system should start and stop a motor in response to a push-button
     input.
3
4    PROGRAM  PLC_PRG
5    VAR
6        START AT  %IX0.1 :  BOOL ;
7        STOP AT  %IX0.2 :  BOOL ;
8        MOTOR AT  %QX0.1 :  BOOL ;
9    END_VAR
10
```

```
1 │        START           STOP                                              MOTOR
  │        ┤ ├             ┤/├                                               ( )
  │
  │        MOTOR
  │        ┤ ├
```