

```
1      // CoDeSys PLC Program(IEC 61131-3)
2      // Project : ASK-100 Customized Tuntable Welding Cell with Cobot
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6
7      PROGRAM PLC_PRG
8      VAR
9
10     // Inputs
11
12     StartButton      : BOOL ;
13     StopButton       : BOOL ;
14     Emergency_OK     : BOOL ;
15     SafetyFences     : BOOL ;
16     MachineReady     : BOOL ;
17
18
19     LowVelocity       : INT := 200 ;
20     HighVelocity      : INT := 1000 ;
21
22     LowVelocityButtom : BOOL ;
23     HighVelocityButtom : BOOL ;
24
25
26     //outputs
27
28     MachineRunning    : BOOL ;
29     MachineVelocity   : INT := 100 ;
30
31
32     END_VAR
33
```



