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MODULE Module1
  CONST robtarget
  Inicio:=[[547.330665099,0,451.64730631],[0.190808996,0,0.981627183,0],[0,0,0,0],
  [9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_20:=[[581.212,116.935,200],[0.010103539,-0.044970151,-0.998937134,0.00045
  4841],[0,0,0,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_70:=[[381.212,116.935,200],[0.010103539,-0.044970151,-0.998937134,0.00045
  4841],[0,0,0,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_60:=[[581.212,16.935,200],[0.010103539,-0.044970151,-0.998937134,0.000454
  841],[0,-1,0,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_50:=[[381.212,16.935,200],[0.010103539,-0.044970151,-0.998937134,0.000454
  841],[0,-1,0,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_30:=[[581.212,-83.065,200],[0.010103539,-0.044970151,-0.998937134,0.00045
  4841],[-1,0,-1,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  CONST robtarget
  Target_40:=[[381.212,-83.065,200],[0.010103539,-0.044970151,-0.998937134,0.00045
  4841],[-1,0,-1,0],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
  VAR num Numero;
  VAR num X;

  PROC main()
    Inicio:
    TPErase;
    TPReadNum Numero,"Selecciona 1 para escribir IN o selecciona 2 para
    escribir una NI";
    TPErase;

    IF Numero=1 THEN
      X:=0;
      Path_I;
      Path_N;
      GOTO Inicio;
    ENDIF

    IF Numero=2 THEN
      X:=200;
      Path_I;
      X:=-100;
      Path_N;
      GOTO Inicio;
    ENDIF

  ENDPROC

  PROC Path_N()
    MoveL Inicio,v1000,z100,MyTool\WObj:=wobj0;
    MoveL Offs(Target_20,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;

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MoveL Offs(Target_70,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;  
MoveL Offs(Target_60,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;  
MoveL Offs(Target_50,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;  
MoveL Inicio,v1000,z100,MyTool\WObj:=wobj0;  
ENDPROC
```

```
PROC Path_I()  
MoveL Inicio,v1000,z100,MyTool\WObj:=wobj0;  
MoveL Offs(Target_30,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;  
MoveL Offs(Target_40,0,X,0),v1000,z0,MyTool\WObj:=WO_CAJA;  
MoveL Inicio,v1000,z100,MyTool\WObj:=wobj0;  
ENDPROC
```

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ENDMODULE
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