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Program
Init Variables
BeforeStart
  Loop digital_in[0] = True
    Wait: 0.01
  Loop digital_in[0] = False and automove_done = False
    Wait: 0.01
    If digital_in[0] = True and automove_done = False
      current_pos:=get_actual_tcp_pose()
      upmove:=p[0,0,-0.1,0,0,0]
      up_pose:=pose_trans(current_pos,upmove)
      MoveJ
      If up_pose[2]<0.38
        up_pose
        home_pose:=p[0,0.3,0.3,2.37,-2.00,0.00]
        home_pose
        automove_done:= True
Robot Program
Wait: 0.01
If digital_in[1] = True
  start:= True
If digital_in[0] = False and start = True and automove_done = True
  MoveJ
  Wait: 0.01
  Waypoint_01
  Waypoint_02
```