

when mBot(mcore) starts up

forever

if line follower sensor port2 value = 0 then

move forward at power 50 %

if line follower sensor port2 value = 1 then

turn left at power 50 %

if line follower sensor port2 value = 2 then

turn right at power 50 %

if line follower sensor port2 value = 3 then

move backward at power 50 %