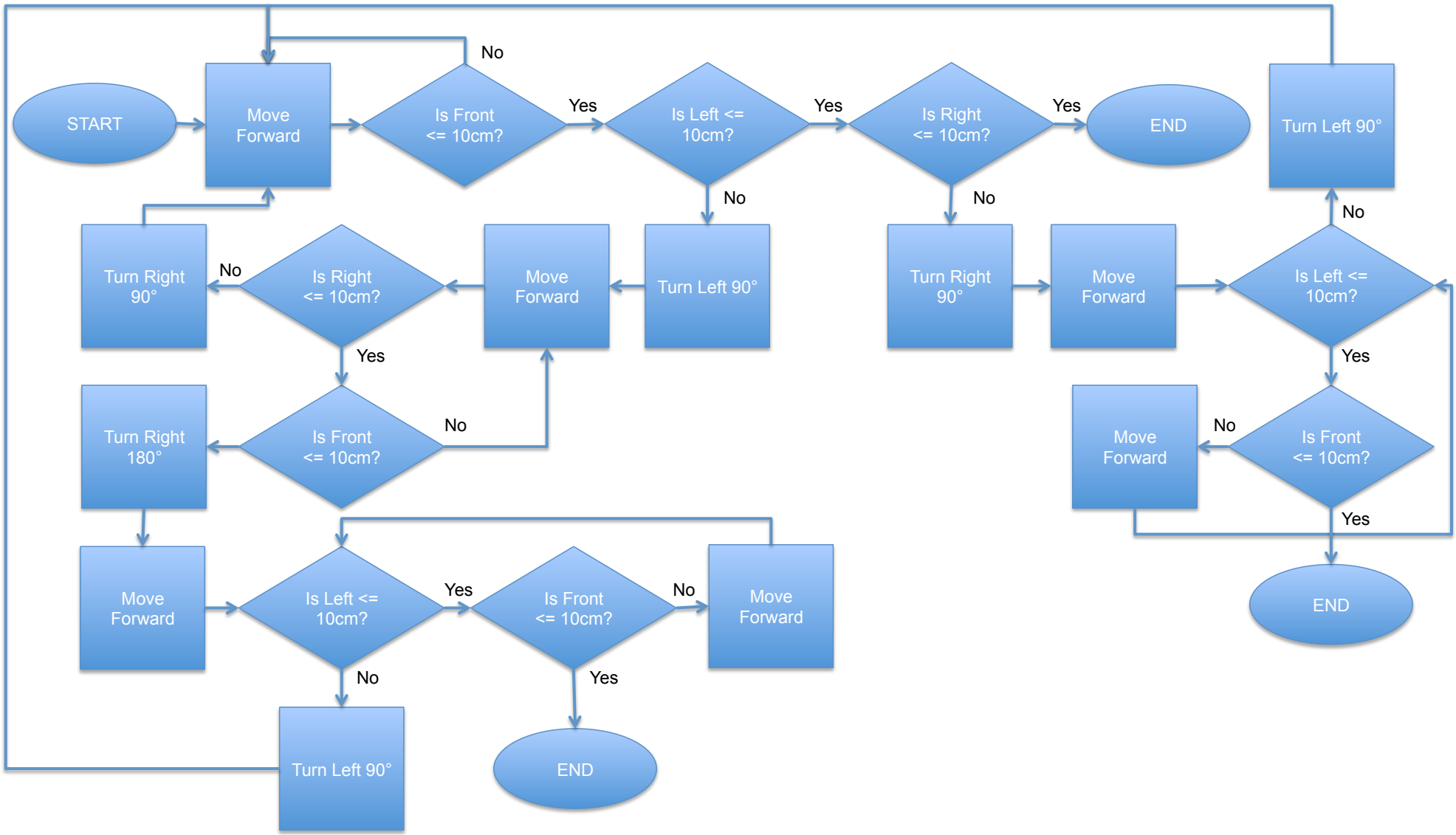
Version 2.0


START
Move Forward
Is Front <= 10cm?
No
Yes
Is Left <= 10cm?
Yes
Is Right <= 10cm?
Yes
END
Turn Left 90°
No
No
Turn Right 90°
No
Is Right <= 10cm?
Move Forward
Turn Left 90°
Turn Right 90°
Move Forward
Is Left <= 10cm?
No
Yes
Yes
Turn Right 180°
Is Front <= 10cm?
No
Move Forward
No
Is Front <= 10cm?
Yes
Move Forward
Is Left <= 10cm?
Yes
Is Front <= 10cm?
No
Move Forward
No
Yes
Turn Left 90°
END