

Handout 27. **Programming an "explorer" Thymio**

1.



Create an instruction to make Thymio move forward if its front sensors detects nothing

2.



Add an instruction to make Thymio turn right when it detects something on the left

3.



Add an instruction to make Thymio turn left when it detects something on the right

4.



Add an instruction to make Thymio back up slightly while turning if it detects something in front of it

5.

(OPTIONAL)

Add instructions to make Thymio turn red if it detects an obstacle and green if it does not