RoboLocode Challenge 3

***Finish the race avoiding obstacles***

# IDENTIFICATION

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| RACER | |
| NAME |  |
| ROBOT NAME |  |
| DATE |  |

# PROCEDURE

All robots that leave the RoboLocode robot factory must complete one race. Please add the correct code to ensure that the robot successfully navigate the course. Attention, don’t forget on which lane you’re!

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| 1. Avoid obstacles in front |
| Using the obstacle sensor write the code needed to avoid obstacles in front of the robot, without forgetting the lane you are currently in. |
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| 1. Hammer time! |
| Expand the previous code by using the hammer in your robot’s right hand! |
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| 1. More weapons!!! In order to slow down the robot behind you, you can drop spikes |
| Expand the previous code by dropping spikes! |
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| 1. What happens if there’s a robot in front of you? In order to win the race you must overtake it! |
| Write a code that is already familiar to you! A robot can be treated as an obstacle |
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# ASSESSMENT

Please provide your feedback and evaluation of this activity.

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