

F21RO- Intelligent Robotics

Coursework

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# Introduction

# Task 1

Task 1 required us to use Behavior-Based Robotics for implementation of the ‘robot-rat’ problem in the T-maze environment.

Without any starter code, we created our controller file and used Python language for the controller. For implementation, a classes and objects approach has been used. In the constructor of the controller class, we set the robot's maximum speed, initial motor velocity, and the initialization of the 8 proximity sensors and 3 ground sensors.

## Methods and Implementation Rationale

## Results and Analysis

# Task 2

## Methods and Implementation Rationale

## Results and Analysis

# Discussion and Conclusion

# Refrences