

Installation Steps:

In order to test this algorithm yourself :

- Fork this repository to your local repository, clone it to your pc.
- Python must be installed in your pc to test and run the code.
- Create a new *your_file.py* file to call the functionalities of *Robot_recogniser.py*.

Executing the Code:

- The code can be executed through through command line.

For command line execution:

- Browse to the project path.
- Open a new terminal window, and run the following command: `python Robot_recogniser.py`.
- Open a new terminal window, and run the following command: `python your_file.py`, which contains a list of the inputs from different sensors, command line would show an output of expected sensor readings.

Testing the Code:

The code can also be tested through terminal.

- Browse to the project path.
- Execute `TestCase.py` Testing output would assert whether the output is true for a given expected value.

Summary:

- Source coded in Python 2.7.13.

Source code files:

- `Robot_recognizer.py`
- `TestCase.py`

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