

## TEST DATA FOR ROBOT SIMULATOR APPLICATION

### Basic Commands

Command:

- PLACE 0, 0, NORTH
- MOVE

**Expected Result:** Robot moves to (0,1) facing NORTH.

Command:

- PLACE 1, 1, EAST
- LEFT

**Expected Result:** Robot is at (1,1) facing NORTH.

Command:

- PLACE 2, 2, SOUTH
- RIGHT

**Expected Result:** Robot is at (2,2) facing WEST.

### Sequence of Commands:

- Commands:
  - PLACE 1, 2, EAST
  - MOVE
  - MOVE
  - LEFT
  - MOVE
- Expected Result: Robot is at (3,3) facing NORTH.

### Report Command:

- Commands:
  - PLACE 0, 0, WEST
  - REPORT
- Expected Result: "0, 0, WEST"

### Unplaced Robot Commands:

- Commands:

- MOVE
  - LEFT
  - RIGHT
  - REPORT
- **Expected Result:** Error message "The robot is not yet placed on the table. Please command 'PLACE X,Y,F'"

**Reset Command:**

- Commands:
  - PLACE 2, 3, NORTH
  - RESET
  - REPORT
- **Expected Result:** Error message "The robot is not yet placed on the table. Please command 'PLACE X,Y,F'"