# Robot Programming

Team 2.2 - Final warehouse submission

## Breakdown of the overall assignment into roles/subsystems.

### Team 1

* Grid Movement
* Robot Interface
* Robot Building
* Route Execution
* Localisation

### Team 2

* Input/Output
* Algorithms
* Job Selection
* Route Planning

### Team 3

* Multi Robot Communication
* Warehouse Interface

## Mapping from team members to roles/subsystems.

### Team 1

* Arun Venu
* Om Sai Krishna Sarnala
* Tarun Sampat
* Seonghee Han

### Team 2

* Martynas Greičius
* Gintarė Statkutė

### Team 3

* Anant Kapoor
* Hitesh Verma
* Will Tetlow

## Git repository

* <https://git.cs.bham.ac.uk/akk796/warehouse-assignment>
  + This repo contains:
    - Final code
    - Tests for the final solution to pass
    - Additional files that should be used to aid marking:
      * README.md
      * REPORT.md
      * CONTRIBUTIONS.md

## For each PC-based subsystem, a suite of JUnit tests

## List of the classes to be executed to test the subsystems

* ItemSpecifications
* Task
* Jobs
* PathFinder
* PathFinder2
* PathInfo