Homework 3 – Navigation
DEADLINE: January, 19TH

Implement a routine that lets a mobile robot navigate inside the arena of Figure 1. This arena is composed of an open space, populated by movable obstacles, and a narrow passage. The robot has to navigate from Point A to Point B and from Point B to Point C of Figure 1.

Suggestions:
- Use the ROS navigation stack in order to navigate within the open space. You need to correctly tune the navigation parameters
- Implement your own routine in order to navigate through the narrow passage. E.g., use the laser scans

You need to:
- Clone the marrtino package in your ROS workspace:
  
git clone https://[YOUR_ACCOUNT]@bitbucket.org/iaslab-unipd/marrtino.git
- Pull the updated version of the challenge_arena package:

  roscd challenge_arena
git pull