e-Yantra Robotics Competition (eYRC-2017)
Task 1: Transporter Bot

Welcome to Task0 of Transporter Bot!!

This task is divided into two parts:
- Theory
- Practice

You will find the below folders in Transporter_bot folder along with this Read Me file.

1. **Theory:**
   Please find the following folders in this folder:
   1. Blender Modules
   2. Blender Game Engine Modules

   1. **Blender Modules:** It consists of two folders
      A. Tutorials on Blender Modules: Go through the "Tutorials on Blender Modules" file given in this folder. Watch the videos and practice the 3D modeling methods in Blender.

      B. Blender Python: This folder contains the documentation on different modules. The files are named with number in sequence. Go through each document and practice the given commands in Blender Python Console and Text Editor.

   2. **Blender Game Engine Modules:** It consists of two files
      A. Tutorials on Blender Game Engine Modules: Go through the 'Tutorials on Blender Game Engine' file given. Watch the videos and practice the concepts.

      B. Blender Game Engine using Python: Go through the document. Links for resources are also provided.

2. **Practice:**
   Please find the following folders in this folder:
   1. Problem Statement 1
   2. Problem Statement 2
   3. Problem Statement 3

   1. Problem Statement 1:
      After going through the Tutorials on Blender Modules and Blender Python, follow the instructions provided in Problem Statement 1.pdf file to solve the problems as instructed. Solution should be saved in "Problem Solution 1" folder.

2. Problem Statement 2:

Go through the documents on Blender Game Engine and follow the instructions provided in Problem Statement 2.pdf file to solve the problem as instructed. Solution should be saved in "Problem Solution 2" folder.

3. Problem Statement 3:

Follow the instructions provided in Problem Statement 3.pdf file to solve the problem as instructed. Solution should be saved in "Problem Solution 3" folder.

Submission Guidelines:

1. Create a zip file containing the Problem Solution 1, Problem Solution 2 and Problem Statement 3 folders.
2. Please name the zip file as #<TeamID>_Task-1.zip.
3. Upload the file by clicking on upload button on the portal in the Task 1 tab.

Warning:

- **IMPORTANT**: The document you submit should be YOUR work in YOUR WORDS. To avoid any copyright violations, you must NOT copy phrases directly from manuals or web.
- The team should NOT mail or upload the document anywhere else, except on the portal.
- Teams failing to submit the document by the deadline will lose the marks for this task.
- e-Yantra WILL NOT entertain any request for extension of deadline for uploading the task.
- e-Yantra holds complete discretion to disqualify a team if any foul play is suspected.