

Project 4: This project is optional

Due date: April 29, 11:59 pm

Points: 10 points as a make-up for project 5

Points for online students: Online students can do this project instead of implementing project 3 on real robot (4 points), remaining 6 points could be considered as a make-up for project 5.

Problem statement: The problem statement will be to pick a cylindrical block from one table and place it to the center of the other table. The cuboids on the table are supposed to be avoided.

There is no need for implementing your own planner, you can use planning tools provided by V-REP and Gazebo.

Deliverables:

- Simulation Scene

Notes:

- V-REP users can take a look at the sample demo to get some ideas about implementation.
- For Gazebo users Rishabh will attend the class and will provide one hour training with step-by-step instructions this week.