

## MECE 401 2019-2020 Fall Homework

Program the robot arm in the robotic laboratory to draw a **Turkish Flag**.

- Use **true geometry** of the Turkish Flag (you can find it online).
- Its size should be fit in an A4 paper and not too small.

Hints:

- Save the points after attaching the board marker to the robot's gripper.
- You can make a simulation in the air by using "appro". Appro of a point is still a point and can be used in movement commands or to describe new points.
  - `appro (Point, Transformation)`: comes from "approximation" and is the transformed version of the given Point by given Transformation.
  - **Example:** `movej (appro(p1, (0,0,10,0,0,0), tTool, mNomSpeed)` will make the robot arm go to directly above of p1 with 10 units difference.

**Due Date:      01/11/2019      17:00**