# AC41001 Computer Graphics Assignment 1

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My project is supposed to mimic the ISS and the Canadarm in very low fidelity. The solar panels on both sides of the station can rotate around its axes. And the station’s position in space can be adjusted by using the arrow keys.

The main challenge for this assignment was the rotations of the arm with correct pivot points. The arm is made of 4 parts (root, joint, tip and the claw). Therefore, for example the tip had to follow the rotations of the root, the joint and the tip. To make it easier to see I have colored each part of it in a different color.

