

Question - 1 : Report

Reason For Discrepancy :

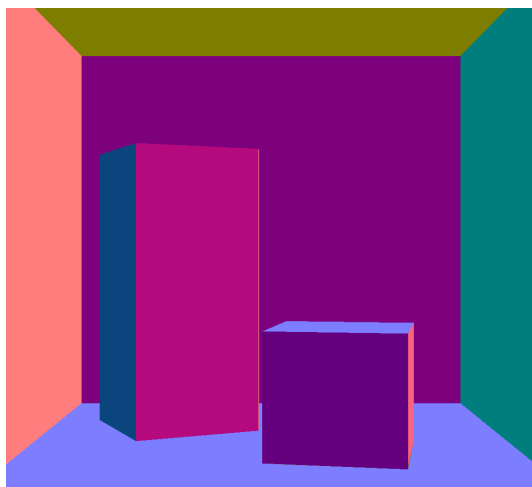
The reason for the wrong output in case of incorrect.json was the coordinate frame. While rendering Camera position should be treated as origin which was not the case of the given code that's why the code was giving the wrong output for Translated image(incorrect.json).

Solution :

The solution I have implemented is pretty straight forward. I translate the coordinate system from Word frame to Camera frame. I took the 'from' vector of the camera which represents its position on co-ordinate axis and subtract it from all other position vectors. So the camera is now acting as origin.

Output of correct.json and incorrect.json after Modification In Code

correct.json



incorrect.json

