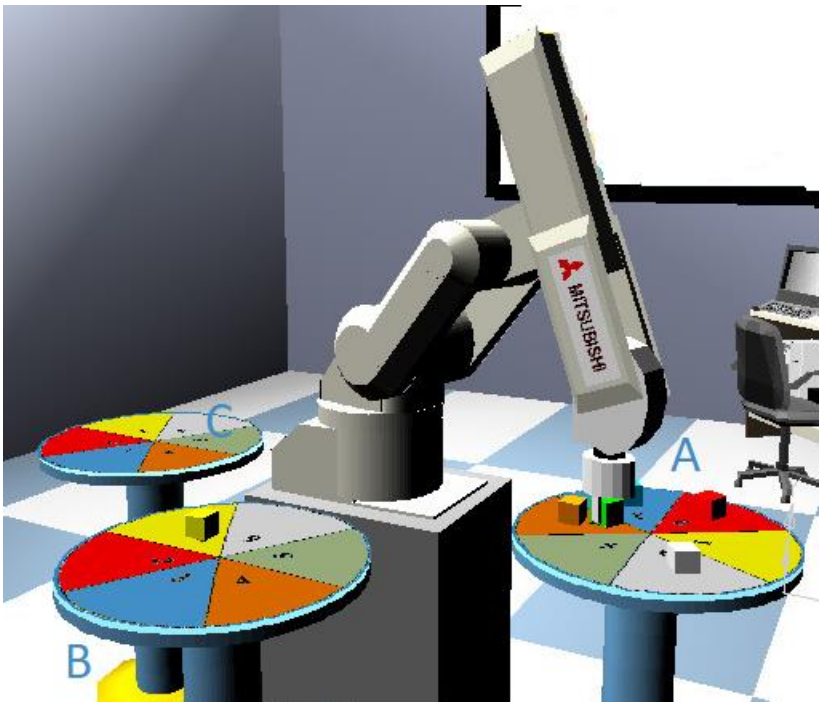
CONT 428 Application- Due date: 12-05-2022 time 10:00

Design workspace consists of tables, robot and gripper, write melfabasic code and simulate it



Using RT toolbox, design a workcell consists of

- -3 tables
- -RV-7FL-D Robot

<u>Robot working scenario</u>

Robot carries cubes from table A to B or C according to digital input M_In(10111)

If input is ON, Robot carries cubes from A to C, else A to B.

Robot selects cubes according to M_In8(100), if the value is

- 1 it picks cube from position 1
- 2 it picks cube from position 2
- 3 it picks cube from position 3
- 4 it picks cube from position 4
- 5 it picks cube from position 5
- 6 it picks cube from position 6

Picks the cube and place it to A or B, the placement position will be the first empty place on the table A or B.

You can empty table B according to M_In(5), You can empty table C, using M_In(6).