**Sudo Code to Drive the Robot:**

I want you guys to think about all the possibilities of the robot. I have been thinking for some days about this and got some outcomes. I can provide the code if you want but I don’t think that will help at this stage as we first should figure out all the real life possibilities then approach to the code. I am providing an example here.

1. Activate the robot
2. Servo\_Cam start moving (0-90 degree; 45 degrees is straight)
3. If Servo\_Cam detect any object in any particular direction goto 5
4. Else move\_straight for 1 min and goto 2
5. Get the angle form the servo
6. If angle<45 then move\_right
7. Else if angle>45 then move\_left
8. Else if angle==45 move\_straight

Note: here servo\_cam, move\_right, move\_left, move\_straight all are functions and proper conditions will be applied.

Task: Just think individually what else the robot should do (not how). Feel free to give suggestions about arrangements of the task. For instance, you can say robot should move\_straight after activating rather than servo\_cam movement. I will take the best suggestion. Thanks all. ☺