

MOTION

Code Exchange Challenge

Challenge Description

Create a simple program with the robot. For example, move around a chair, move and pick something up, etc. The program is to be written with NO comments. The purpose of the challenge is to show how the addition of comments make a program much easier to read and understand.

Materials Needed

- Materials will be determined by the individual student programs

Procedure

- Write a program to complete a simple task.
- Include NO comments.
- Save the program as “Code Exchange.c”.
- Give the robot and code to someone else, e.g. another group in class, without saying what it’s supposed to do.
- Based on only the code and the robot, they must figure out what you intended the robot to do, and tell you what they think it is. They are also not allowed to run the program with the robot.
- Did they guess right? Add comments to your code so no one ever has to guess again!

