Department of Computer Science
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University of Massachusetts Lowell
COMP.4270/5460
Spring 2025

Programming Assignment 6 [5 points]
Handed out on 3/27/2025
Due on 4/13/2025

RobotArm

Use the code RobotArm.html and RobotArm.js from Chapter 9:
- the code implements one degree of freedom for body, lower arm and upper arm
- add 3 degrees of freedom to the above—add appropriate sliders
- add 3 fingers to the upper arm with 3 degrees of freedom—add appropriate sliders
- use different colors for each face of the arm//fingers so they are visible when rotating

Deliverables
  • Source files
  • Sample Input/output – if applicable
  • 1 page report : Write about issues faced, lessons learned, any remaining bugs etc.

Extra Credit
  • any other functionality …. – please document in report and code.

Deadline and Late Submissions
  • The assignment is due on the date specified above at 11:59:59 PM
  • Each day late will incur a penalty of 5% of the grade for the assignment; for example, if the assignment is 3 days late, the maximum grade will be 85 out of 100—15 will be subtracted from whatever grade is assigned.