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| Team Name / Student Names | CSE Account | Handin Account |
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| **Program Features and Functionality (30% plus stars for bonus options)** |
| Creation and setup of the figure and contents (10%)  |  |
| Correct responses to user commands (10%) |  |
| Correct physics in the interactions (10%) |  |
| Bonus – Enable spin (on the ball) / Have visible spokes/cogs (on the gears) |  |
| Bonus – Provide dynamic interaction placing/moving the items during play |  |
| Bonus – Legends displayed detailing positions, rotation rates, spin, parameters, etc. |  |
| **Comments:** |
| **Program Logic (20% plus a star for bonus)** |
| Efficient coding and design. (5%) |  |
| Modular organization with testable modules. (5%) |  |
| Minimal code redundancies. (5%) |  |
| Iterative development of code. (5%) |  |
| **Comments:** |
| **Programming Style (20%)** |
| Headers. (5%) |  |
| Descriptive variable names. (5%) |  |
| Spacing and indentation. (5%) |  |
| Judicious commenting. (5%) |  |
| **Comments:** |
| **Documentation (30%)** |
| Cover page with name(s) and the account under which it is submitted, title, date submitted, etc. (5%) |  |
| A discussion of the features you implemented in the project. High-level description of how they work and what Matlab options were used to program them. (5%)  |  |
| Acknowledgement of all collaborations (both internal to the team and external), detailing what each person contributed individually, and what was done jointly. Indicate approximate percentages of the work contributed by each person in design, coding, testing, documentation, and report preparation. (5%) |  |
| Discussion of testing, including how each module was tested; printouts showing tests may be helpful (10%) |  |
| User manual. (5%) |  |
| Note: All documentation plus a copy of the Matlab code must be neatly and clearly packaged in one document; (Code must also be submitted electronically separately so that graders can test it.) |  |
| **Comments:** |
| **Total Points (100%)** |  |
| **Additional Notes:** |