Project 1 Rubric (0.625 points/test case)

1. Verify compilation of .cpp files in g32 is completed successfully with all previously defined interfaces not changed

2. Verify multiple inclusions of .h file compiles properly

3. Verify basic Previous class functions work

4. Verify Robot is created

5. Verify Player is created

6. Verify Player is added to Arena successfully

7. Verify Arena and Player initialized successfully

8. Verify Arena and Player initialized successfully if Arena.h included before Player.h

9. Verify Arena and Player initialized successfully if Player.h included before Arena.h

10. Verify proper tracking of Player movement after moving

11. Verify proper tracking of Player movement after standing

12. Verify proper tracking of Player movement after moving and standing

13. Verify proper tracking of Player movement after moving, standing, and shooting

14. Verify code does not compile because Robot.h missing

15. Verify code does not compile because Arena.h missing

16. Verify code does not compile because Previous object does not have default constructor defined

17. Compilation issues (e.g. improper function arguments, improper function names, improper return values, missing default function implementation, infinite recursion, use of loops)