

Introduction to Robotics CSC306

C-Programming Task

SIMPLE QUESTIONNAIRE GAME

Write a C language program to implement the science questionnaire game presented below.

Game Specification

- The game should begin with a request for the player's name.
- When correct answer is selected, system displays "CORRECT" and assign a score of 10 points.
- When the answer is wrong, the system displays, "WRONG" and the player loses 10 points.
- Upon completion, the player's name and total points should be displayed.
- The player should be given an opportunity to either quit the game or restart.

Game Questions

What is the value of acceleration due to gravity on the surface of the moon?

- a. 1.625m/s^2
- b. 200m/s^2
- c. 3.33m/s^2

Correct answer: 1

What is the value of speed of sound in a vacuum?

- a. 19m/s
- b. 343m/s
- c. 0m/s

Correct answer: 3