Course Title: Computer Organization and Assembly Language

Task: Term Project

Section: BCS-3A, BCS-3B

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**Phase II - Movement**

**Deadline: Tuesday 1st November, 2022**

In the second phase of the project, you are required to design graphics once the car is moving on the track. You may consider a simple track for this phase (i.e., square or rectangle), and you have to constantly update the background, and steering using the string instructions. A timer is required to constantly update the background, and you may use the Ex. 9.7 from the textbook for this purpose. You are required to write a subroutine that constantly changes the background, and copy its code in place of printnum subroutine in Ex. 9.7. Furthermore, please clearly list any assumptions that you may make to implement this phase. However, to implement this phase, you CANNOT use BIOS services.

(Weightage: 3%)