Introduction

This coursework is to be carried out individually. It is designed to meet the module Learning Outcomes, as presented in the module proforma, i.e.

Learning Outcomes:

- Develop C programming for given engineering problem based on PC and Raspberry pi (or any microcontroller or microprocessor based platform).
- Study and apply object oriented concepts to solve engineering problems by creating a PC based application

Coursework Specification and Corresponding Marks

This assignment covers your views of practical applications of programming in engineering applications. After completing this coursework student be able to design the practical microcontroller base system by using programming tools and apply C^{++} programming techniques to given scenario. You are required to write a short essay in response to each of the following tasks.