

Lab Report Writing Questions

Submission Date: 10th October, 2023

For this lab report, you all can write the report including the following components only whereby each question will be evaluated out of 5 Marks:

Grading Criteria:

- Program code – 3 Marks
- Output – 1 Mark
- Readability and format – 1 Mark

Questions

1. Write a menu driven program to perform the following tasks using various functions based on the choices as given below:

```
Choices
*****
1. Determine character is vowel or consonant
2. Determine the Square of any given number
3. Factorial of a Number
4. Exit
Select your choice from 1-3:
```

2. Write a non-returning type function with two arguments to swap two numbers. [Eg: Before swapping: A=5, B=6, after swapping, A=6, B=5]
3. Define a 1D character array to read the given 7 characters: ‘C o l l e g e ’ (run-time initialization). Count the total number of vowel and consonants available in the given character array and display the total counts.
4. Read 15 integer values in 1D Array. Sort the array values in descending order.