LAB 7 Switch

**Task 1**

Write a program that calculates average marks of students using **do-while**

**Task 2a**

Program that takes grade from student & tell him how did he has performed?

A excellent

B very good

C good

D poor

F fail

**Task 2b**

Modify task 2 Program that takes grade from student & tell him how did he performed for capital and small

A excellent

B very good

C good

D poor

F fail

**Task 2c**

Modify Program that takes grade from student & tell him how did he performed for capital and small Use if-else to make program effective

A excellent

B very good

C good

D poor

F fail

**Task 3a**

Time table

Write a program that selects a according to selection of day

**Task 3b**

Time table

Modify task 3a that generates your time table according to selection of day

**Task 4a**

Alphabets

Write a program that takes character from a user a-d tell him which character he has pressed

**Task 4b**

**Vowels**

Modify task 4 and ask user to enter a vowels a,e,i,o,u?

**Task 5**

Write a program that takes number 0-9 from user?

**Task 6a**

Program that takes grades from user & tell you how did you performed using switch statement

**Task 6b**

Modify task 6a take grade(as C is case sensitive your program should work for small and capital letters as well from user & tell you how did you performed using switch statement

**Task 6c**

Modify task 6b take grade (but if user enter wrong grade should tell user that he has entered a wrong grade) from user & tell you how did you performed using switch statement

***Hint*** use of default might help

**Task 6d**

Modify task 6c take grade from user & tell you how did you performed using switch statement

\*\*\* Please see o/p of your last program when you have selected grade 'A'

Program prints excellent and then very good, good, poor, fail after wards

***Hint***: Use break keyword & sees how program performs

**Task 7**

Write a program to create a simple calculator for addition, subtraction, multiplication and division?

**Task 8a**

Tax calculator using switch statement

Please use of char as choice selector

1 Salary Below 10,000 no tax detection

2 salary 10,000 to 19,999 2% tax detection

3 salary 20,000 to 29,999 4% tax detection

4 salary 30,000 to 39,999 6% tax detection

5 salary 40,000 to 49,999 8% tax detection

6 salary above 50,000 10% tax detection

**Task 8b**

Modify Task 7 take choice as an integer value?

**Task 8c**

Modify Task 8 take salary from user as well and calculate tax and his final salary?

**Task 8d**

Modify Task 9 take salary from user and also check if he has entered a write salary according to case?