National College of Computer Studies (NCCS)

BIM Second Semester: Structure programming lab assignment 2

1. WAP to read character from user and change it to uppercase and again change it to lowercase.

2. WAP to read 5-digit number and reverse it

3. WAP to read 5-digit number and find the sum of square of each digit.

4. Solve the following problem using ternary operator.

   a. WAP to read a number and print whether the number is even or odd.

   b. WAP to read two numbers and display the greatest of them.

   c. WAP to read three numbers and display the maximum and minimum of them.

   d. WAP to read two numbers. If first is greatest than second number, then display its difference else display the sum of them.

   e. WAP to read four numbers and print the smallest one.

   f. WAP to find whether the given number is positive or negative.

Solve below problems using if and if else.

5. WAP to ask a number from user and test whether the number is negative.

6. WAP to ask a number from user and find whether the number is even or odd.

7. WAP that reads the marks of a student in seven subjects. Then calculate the percentage and determine the division. Use these conditions:

   a. Percentage greater than or equal to 80 → Distinction

   b. Percentage between 60 and 79 → First Division

   c. Percentage between 45 and 59 → Second Division

   d. Percentage between 32 and 44 → Third Division

   e. Percentage less than or equal to 31 → Fail

8. WAP that asks the user for three numbers. Then determine the largest number among them.

   a. Using nested if

   b. Using && operator

9. WAP that asks the user for three numbers. Then determine the smallest number among them.

   a. Using nested if

   b. Using && operator

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