

LAB 2

1. Write a program to take two number input from user, divide first number by second and display quotient and remainder obtained from division operation
2. Write a program to read a four-digit number from user and perform following operation
 - a. Display each digit separately
 - b. Print the sum of digits
 - c. Reverse the digits
 - d. Find the sum of square of each digit
3. Solve the following using ternary operator:
 - a. Read a number from user and print whether that number is odd or even
 - b. Read a number from user and print whether that number is positive or negative
 - c. Read a three number from user and find greatest of three
4. Write a program to read marks of five subject, then find the division and percentage.
 - a. Percentage greater or equal than 80, print distinction
 - b. Percentage between 60 to 80 -> first division
 - c. Percentage between 40 to 60 -> second division
 - d. Percentage below 40 -> fail
5. Write a program using switch case to print the day depending upon number inputted by user. (If input is 1 print Sunday, if input is 2 print Monday and so on)
6. Write a program that ask student to enter his/her marks for 5 subject and print the grade obtained:
 - a. 80-100 -> grade A
 - b. 60-79 -> grade B
 - c. 40-59-> grade C
 - d. Below 40 -> grade F
7. Write a program to calculate sum, multiplication, division, subtraction of two number based on the user choice. [Hint: ask two number input from user and one choice from user and perform operation using switch case]
8. Write a program to read annual salary of an employee and calculate the tax and print the actual amount received by the employee
 - a. Salary up to 100000-> 1%
 - b. Salary above 100000 and below 5 lakh -> 5%
 - c. Salary above 5 lakh -> 10%