C Programming- BSC. CSIT

Assignment 1   Date of Submission:

1. Write a Program in C to print the Hello World.
2. Write a Program in C to input any two numbers and find their Sum, difference, Multiplication, Division, and remainder.
3. Write a program in c to calculate the simple Interest.
4. Write a program in C to calculate the area of Square, Triangle, and circle.
5. Write a program in C to find the greater and smaller number between two numbers.
6. Write a Program in C to find the greater and smaller number among three numbers provided by the user.
7. Write a program in C to input a number and check whether the number is positive or not.
8. Write a program in C to input a number and check whether the number is Odd or Even.
9. Write a program in C to input a number and check whether the number is exactly divisible by 3 or not.
10. Write a program in C to input a number and check whether the number is exactly divisible by 3 and 5 or not.
11. Write a program in C to input a number and check whether the number is exactly divisible by 6 but not 8.
12. Write a program in C to print all the number between 20 and 50 which are exactly divisible by 7.
13. Write a program in C to print your name 20 Times.(using for, while, and do while loop)
14. Write a program in C to print the natural number from 1 to 50.(using all three loops)
15. Write a program in C to print the number from 1 to 20 and their sum.
16. Write a program in C to read any two integer n1 and n2. And Display the numbers from n1 to n2.
17. Write a program in c to print the even number from 1 to 100 and their sum.
18. Write a program in C to print the odd number from 1 to 100 and their sum.
19. Write a program in C to input the marks of any five subjects from the user and calculate the total marks, Percentage, Division and result.
    The condition for Division:
    If Percentage >=80   Distinction
    If Percentage >=60   first Division
    If Percentage>=45   Second Division
    If Percentage>=35   Third Division
    If Percentage<35   fail.
    The Condition for the result:
    If the student pass in all subject(that is all marks >=35 then pass otherwise Fail).
20. Write a program in C to calculate the bill of the store.
    Condition:
    No. of Quantity and rate should be provided by the user. And
    If total >=100000   calculate discount =10%
    If total >=50000   Calculate Discount= 5%
    If total<50000   calculate discount= 2%
    And at last calculate the net total amount.
21. Write a program in C to print the multiplication table of the given number using for, While and Do While Loop.
22. Write a menu driven program to print the name of the days using if else if conditional statement.
    [e.g. if the user press 1 – print Sunday].
23. Write a program in C to swap (interchange) the number between A and B.
24. Write a program in C to input the length and breadth of a rectangle and calculate the area and perimeter of rectangle.
25. Write a program to read the height and base of Triangle and find the area of It.