PRACTICAL 3 - DECISION MAKING AND LOOPING STATEMENTS

1. Write a C program to print n natural numbers by using while loop, for loop and do-while loop.
2. Write a C program to find the sum of first n natural numbers by while, for and do…while loop.
3. Write a C program to find sum of squares of n natural numbers by while, for and do…while loop.
4. Write a C program that accepts an integer number and finds the factorial value of the number.
5. Write a C program that accepts a number and print the multiplication table of the number.
6. Write a C program that accepts n numbers from user and displays the list of positive, negative and zero numbers.
7. Write a C program that accepts n numbers from user and prints the list and count of all odd and even numbers.
8. Write a C program to find the sum of the digits and reverse of a three digit number.
9. Write a C program to read 5 digit number from user and check whether it is palindrome or not.
10. Write a C program to read a number from the user and print the table of squares upto that number.
11. Write a C program to print the following by using any looping structure.

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1. Write a C program to print the following by using any looping structure.

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1. Write a C program to print the following by using any looping structure.

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

1. Write a C program to print the following pattern using for loop.

5 5 5 5 5

4 4 4 4

3 3 3

2 2

1

1. Write a C program to print the following pattern using for loop.

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

1. Write a C program to print the following pattern using for loop.

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

1. Write a C program to check whether the entered number is prime or not.
2. Write a C program to find and print the sum of only positive numbers using break statement.
3. Write a C program to find and print squares of sum of positive numbers using break statement.
4. Write a C program to calculate sum and average of first 10 natural numbers.
5. Write a C program to calculate the square root of only positive nos.
6. Write a C program to read a number and print prime numbers up to that number.
7. Write a C program to read a number and print Fibonacci series up to that number.
8. Write a C program to read two numbers and find the G.C.D. and L.C.M. of the numbers.
9. Write a C program to print numbers and the squares of n natural numbers.