LAB-ASSIGNMENT 2 (Upto Control Structure)

SUBJECT: Computer Lab. SUBJECT CODE: CS111. SEMESTER: I

1. Write a C program to swap two numbers using third variable and without using third variable.
2. Write a C program to verify a number is odd or even.
3. Write a C program to find maximum and minimum number from three numbers.
4. Write a C program to check a year is leap year or not.
5. Write a C program to calculate grade of a student. (take the marks of 3 subject as a input and calculate grade using switch-case)
6. Write a C program to calculate the summation of n numbers using for loop.
7. Write a C program to find maximum and minimum number from N numbers.(without using array)
8. Write a C program to calculate the factorial of a number.
9. Write a C program to check a number prime or not.
10. Write a C program to check a number Armstrong or not (example, 153 = 13+53+73).
11. Write a C program to find the prime number in a given range.
12. Write a C program to print the following the following diagram.

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1. Write a C program to print the following the following diagram.

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2 2 2

3 3 3 3 3

4 4 4 4 4 4 4

1. Write a C program to calculate the sum and average of a number(example, N = 5483, sum = 20, avg = 5)
2. Write a C program to reverse a given number (example, n = 436, print 634).