

CS6101 – Programming with C

Week – 5

Batch – P

27-Dec-21

Lab Execution:

Level1 & 2:

- 1) Write a program to find the sum of digits of a number given by the user.
- 2) Write a program to print all even numbers between 1 to 100 using while loop.
- 3) Write a program to print multiplication table of any number
- 4) Write program to print all factors of a number
- 5) Write a program to find the factorial of a number.

Spot Program (5 marks)

- 1) Write a program to find the frequency of each digit in a given number
- 2) Write a program to takes an integer from the terminal and extracts and display each digit of the integer in English.

Ex:932

Nine three two

- 3) Write a program to generate the following pattern

```
1
2 1 2
3 2 1 2 3
4 3 2 1 2 3 4
```