Lab Assignment -4

(Week #5: Control Structures (2) – loop/switch)

1. Program to calculate sum of numbers from m to n.

**(Hint:**

* **Input two numbers m and n.**
* **Find sum of all numbers from m to n.**

**For example m=3 and n=8 then sum will be 3+4+5+6+7+8=33.)**

1. Program to print Fibonacci series up to 100.

* **(Hint: Fibonacci Series is 1,1,2,3,5,8,13,21,…….}**

1. Program to input a number and then calculate sum of its digits.

(**Hint: let number = 562.**

**Then you should print 5+6+2=13.)**

1. Program to find whether given number is a prime number or not.
2. Program to display sum of series 1+1/2+1/3+……….+1/n.
3. Program to display series and find sum of 1+3+5+……..+n.
4. Program to use switch statement. Display Monday to Sunday.
5. Program to display arithmetic operator using switch case.