North South University
Department of Electrical and Computer Engineering
CSE 215L: Programming Language II Lab

Lab – 2: Conditional Statement, Loop

Objective:
- To learn to use conditional statements (if, else, switch case)
- To learn the usage of loops (for, while, do-while)

if-else	*Switch*

if(condition){
    // do something
}
else{
    // do something else
}
	switch(case){
	    case 1:
	    // do things for case 1 break;
	
	    case 2:
	    // do things for case 2 break;
	
	    default:
	    // do things for default case
	}

For	*while*

for(int i = 0; i < 10; i++){
    // do something
}
	while(condition){
	    // do something
	}

Task:

1. Write a program that takes an integer and determines if it's odd or even. Use switch cases to produce result.

2. Write a program that takes an integer and determines if it's prime or not. A number is prime if it is divisible by 1 and itself only, i.e. 2, 3, 11, 37 etc.

3. Write a program that prints the multiplication table from 1 to 5.
1X1=1
1X2=2
…………
5X10=50

4. Write a program that takes an integer and prints its divisors, i.e. divisors of 12 are 1, 2, 3, 4, 6.