



## **LAB MAUAL -4 LAB TASKS**

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## LAB TASK -1

```
#include<iostream>
using namespace std;
int main(){

    int sum;
    sum=0;
    cout<<"Sum of first 10 natural number is "<<endl;
    for(int num=0;num<11; num++)
    {

        sum =sum+num;
        cout<< sum<<endl; }
    return 0;

}
```

```
Sum of first 10 natural number is
0
1
3
6
10
15
21
28
36
45
55

-----
Process exited after 0.1202 seconds with return value 0
Press any key to continue . . .
```

## LAB TASK-2

```
#include<iostream>
using namespace std;
int main(){

    int x;
    int result;
    cout<<"Enter the enter for which you wants toget table"<<endl;
    cin>> x;

    for(int i=0;i<11; i=i+1){
        result = x*i;
        cout<<x<<"x"<<i<<"="<<result<<endl;
    }
    return 0;
}
```

```
Enter the enter for which you wants toget table
5
5x0=0
5x1=5
5x2=10
5x3=15
5x4=20
5x5=25
5x6=30
5x7=35
5x8=40
5x9=45
5x10=50

-----
Process exited after 2.268 seconds with return value 0
Press any key to continue . . .
```

## HOME TASK-3

```
#include<iostream>
using namespace std;
int main(){
    int num;
    int f;
    cout<<"Enter the number"<<endl;
    cin>> num;
    for(int x=num-1; x>0; x--){
        f=num*x;
        num =f;
    }
    cout<<"The fictorial of your number"<<"is"<<f<<endl;
    return 0;
}
```

```
Enter the number
5
The fictorial of your number is 120

-----
Process exited after 1.724 seconds with return value 0
Press any key to continue . . .
```

## HOME TASK-4

```
#include <iostream>
using namespace std;
int main(){
    int x,y,z,numb;
    cout<<"Enter two number for sequence"<<endl;
    cin>>x;
    cin>>y;
    cout<<"How many integers you want in sequence"<<endl;
    cin>>z;

    for(int i=0;i<z;i++){
        numb=x+y;
        x=y;
        y=numb;
        cout<<numb<<endl;
    }
    return 0;
}
```

```
Enter two number for sequence
1
2
How many integers you want in sequence
5
3
5
8
13
21

-----
Process exited after 5.727 seconds with return value 0
Press any key to continue . . .
```

