

FOP LAB TASK

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PROGRAM # 01

```
#Include<iostream>
using namespace std;
int main () {
    int i=1, sum=0;
    while (i<=10) {
        sum+=1
        i++; }
    Cout<<"sum:"<<sum;
    Return 0; }
```

PROGRAM # 02

```
#Include<iostream>
using namespace std;
int main () {
    int a, product;
    cout<<"Enter the number for Output";
```

```

cin>>a;
for (int=1;i<=10;i++) {
product =i*a;
cout<<a<<"*"<<i<<"="<<products;
cin>>endl; }
return 0; }

```

PROGRAM # 03

```

#include <iostream>
using namespace std;
int main () {
int i,fact=1,number;
cout<<"Enter any Number: ";
cin>>number;
for(i=1;i<=number;i++){
fact=fact*i; }
cout<<"Factorial of " <<number<<" is: "<<fact<<endl;
return 0;
}

```

PROGRAM # 04

```

#include<iostream>
using namespace std;
int a=3,b=5,c,i,o;

```

```
cout<<"Enter the number of elements you want to see in Fibonacci series:";
cin>>0;
cout<<"Fibonacci series:"<<a<<" "<<b<<" ";
for(i=2;i<0;++j) {
c=a+b
cout<<c<<" ";
a=b;
b=c: }
return 0;
}
```