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ABDUL MOIZ AKRAM
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455987

ME-15-C

```
QUESTION 1
```

```
#include<iostream>
using namespace std;
int main (){
    int a=1;
    for(int count=1; count<=10; count++){
        a=a+count;
    }
    cout<<a;
    return 0;
}</pre>
```

```
| Chakram.ug23\Project1.exe | Classes any key to continue . . . | Classes |
```

## **QUESTION 02**

```
#include<iostream>
using namespace std;
int main (){
    int a, product;
    cout<<"enter the number you desire as a output";
    cin>>a;
    for(int i=1; i<=10; i++){
        product=i*a;
        cout<<a<<"*"<<i<<"="<<pre>product<<endl;
}
    return 0;
}</pre>
```

```
#include<iostream>
using namespace std;
int main (){
    int a, factorial=1;
    cout<<"enter number to get its factorial:";
    cin>>a;
    for(int num=1; num<=a; num++)
    {
        factorial=factorial*num;
    }
    cout<<"factorial of "<<a<<"="<<factorial<<endl;
    return 0;
}</pre>
```

```
#include<iostream>
using namespace std;
int main(){
            int a=3, b=5, c, i, o;
            cout<<"enter the number of elements you want to see in fibonacci series:";
            cin>>o;
            cout<<"fibonacci series:"<<a<<" "<<b<<" ";
            for(i=2;i<0;++i)
            {
                        c=a+b;
                        cout<<c<" ";
                        a=b;
                        b=c;
            }
            return 0;
 Untitled2.cpp
         #include<iostream>
  1 #include<iostream>
2 using namespace std;
3 = int main(){
4 int a=3, b=5, c, i, o;
5 cout<<"enter the number of elements you want to see in fibonacci series:";
6 cin>>o;
7 cout<<"fibonacci series:"<<a<<" "<<b<<" ";</pre>
               cin>>o;
cout<<"fibonacci series:"<<a<<" "<<b<<" ";
for(i=2;i<o;++i)</pre>
  8 9
  10
11
                     c=a+b;
cout<<c<<" ";
 12
13
14
15
16
                     a=b;
b=c;
                return 0;
  C:\aakram.ug23\Project1.exe
 enter the number of elements you want to see in fibonacci series:24
fibonacci series:3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 1771
1 28657 46368 75025 121393 196418
 Process exited after 6.685 seconds with return value 0
Press any key to continue . . .
}
```

QUESTION 03