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Task no.1:

```
#Include <iostream>
```

```
Using namespace std;
```

```
Int main(){
```

```
    Int m ;
```

```
    Int sum=0;
```

```
    Int i=1;
```

```
    Cout<<"Enter natural number for addition ";
```

```
    Cin>>m ;
```

```
    While(i <= m){
```

```
        Sum = sum + i;
```

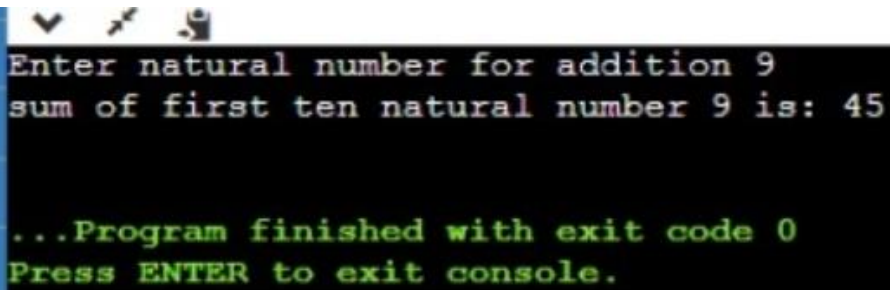
```
        i++;
```

```
    }
```

```
Cout<<"sum of first ten natural number " << m << " is: " << sum << endl;
```

```
Return 0;
```

```
}
```

A screenshot of a console window with a black background and white and green text. At the top, it says "Enter natural number for addition 9" and "sum of first ten natural number 9 is: 45". Below that, in green text, it says "...Program finished with exit code 0" and "Press ENTER to exit console." There are some small icons in the top left corner and a blue circular cursor in the middle right.

```
Enter natural number for addition 9
sum of first ten natural number 9 is: 45

...Program finished with exit code 0
Press ENTER to exit console.
```

Task no. 2:

Create a program to print a table of any number.``

```
#include <iostream>
```

```
Using namespace std ;
```

```
Int main() {
```

```
    Int number;
```

```
    cout << "Enter a number to print its multiplication table: ";
```

```
    cin >> number;
```

```
    cout << "Multiplication Table for " << number << ":\n";
```

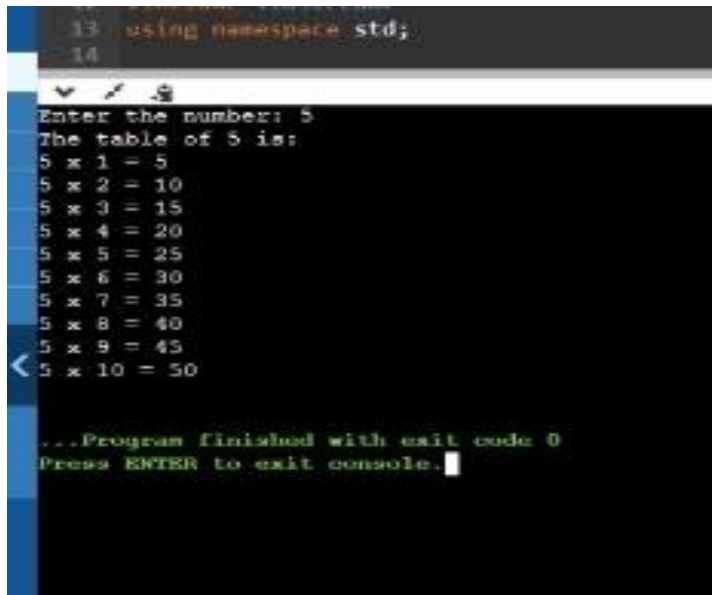
```
    cout << "Enter the number :\n";
```

```
    For (int i = 1; i <= 10; i++) {
```

```
        cout << number << " x " << i << " = " << (number * i) << endl;
```

```
    }
```

```
Return 0;  
}
```



```
13 using namespace std;  
14  
Enter the number: 5  
The table of 5 is:  
5 x 1 = 5  
5 x 2 = 10  
5 x 3 = 15  
5 x 4 = 20  
5 x 5 = 25  
5 x 6 = 30  
5 x 7 = 35  
5 x 8 = 40  
5 x 9 = 45  
5 x 10 = 50  
...Program finished with exit code 0  
Press ENTER to exit console.
```

Task no.3:

```
#include <iostream>
```

```
Int main() {
```

```
    Int n;
```

```
    cout << "Enter the number of terms for the Fibonacci sequence: ";
```

```
    cin >> n;
```

```
    Int first = 0, second = 1;
```

```
    cout << "Fibonacci Sequence: ";
```

```
    For (int i = 0; i < n; i++) {
```

```
        If (i == 0) {
```

```
            cout << first;
```

```
        } else if (i == 1) {
```

```
            cout << ", " << second;
```

```
        } else {
```

```

        Int next = first + second;

        cout << ", " << next;

        First = second;

        Second = next;

    }

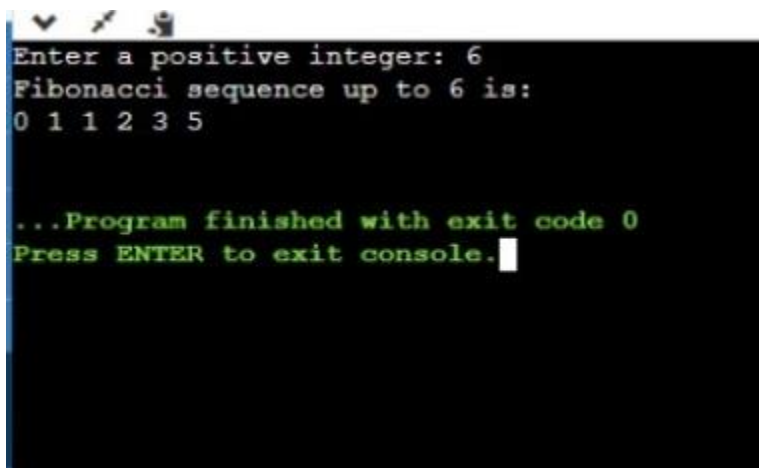
}

cout << endl;

return 0;

}

```



```

Enter a positive integer: 6
Fibonacci sequence up to 6 is:
0 1 1 2 3 5

...Program finished with exit code 0
Press ENTER to exit console.

```

Task no.4

```

#include <iostream>

Using namespace std;

Int main()
{
    Int n;

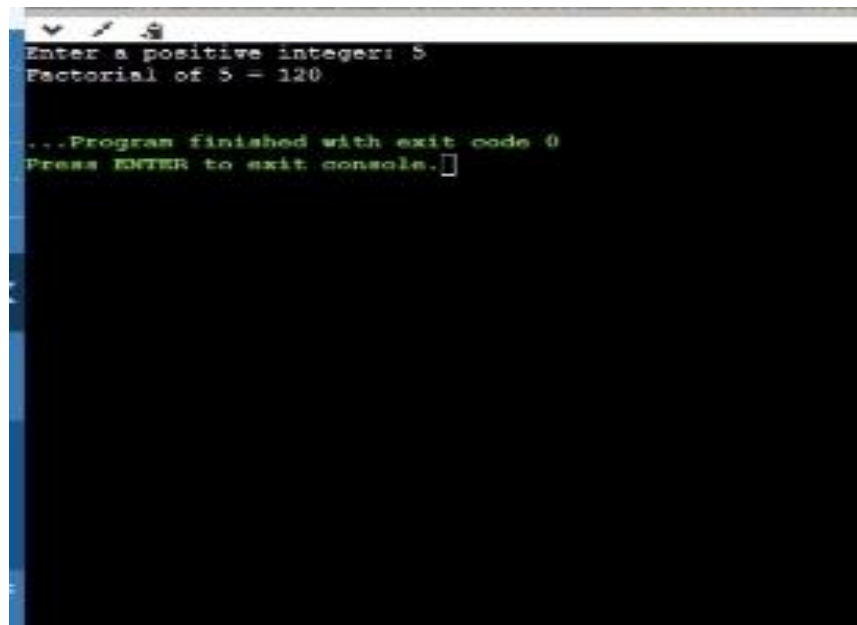
    cout << "Enter a positive integer:";

```

```
cin >> n;
int factorial = 1;
for (int i = 1; i <= n; i++)
{
    factorial = factorial * i;
}

cout << "Factorial of " << n << " = " << factorial << endl;

return 0;
}
```

A screenshot of a console window with a black background and green text. The text shows the program's execution: it prompts for a positive integer, receives the input 5, calculates the factorial (120), and displays the result. It then shows the program finishing with exit code 0 and prompts the user to press ENTER to exit the console.

```
Enter a positive integer: 5
Factorial of 5 = 120

...Program finished with exit code 0
Press ENTER to exit console.
```