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For, While and do-while loops in C++

#### Loops in C++

Loops are block statements, which keeps on repeatedly executing until a specified condition is met. There are three types of loops in C++

* **For loop in C++**
* **While loop in C++**
* **Do While in C++**

#### For Loop in C++

For loop help us to run some specific code repeatedly until the specified condition is met.

**Code:**

#include <iostream>

using namespace std;

int main(int argc, char const \*argv[])

{

    int num;

    cout << "Enter a number whose you want multiplication table of: ";

    cin>>num;

    for (int i = 1; i <= 10; i++)

    {

        cout <<""<<num<<" \* "<<i<<" = "<<num\*i<<endl;

    }

    return 0;

}

#### While Loop in C++

While loop helps us to run some specific code repeatedly until the specified condition is met.

#include <iostream>

using namespace std;

int main(int argc, char const \*argv[])

{

    int num, i = 1;

    cout << "Enter a number whose you want multiplication table of: ";

    cin >> num;

    while ()

    {

        cout << "" << num << " \* " << i << " = " << num \* i << endl;

        i++;

    }

    return 0;

}

#### Do-While Loop in C++

The do-while loop helps us to run some specific code repeatedly until a specified condition is met.

#include <iostream>

using namespace std;

int main(int argc, char const \*argv[])

{

    int num, i = 1;

    cout << "Enter a number whose you want multiplication table of: ";

    cin >> num;

    do

    {

        cout << "" << num << " \* " << i << " = " << num \* i << endl;

        i++;

    } while (i <= 10);

    return 0;

}