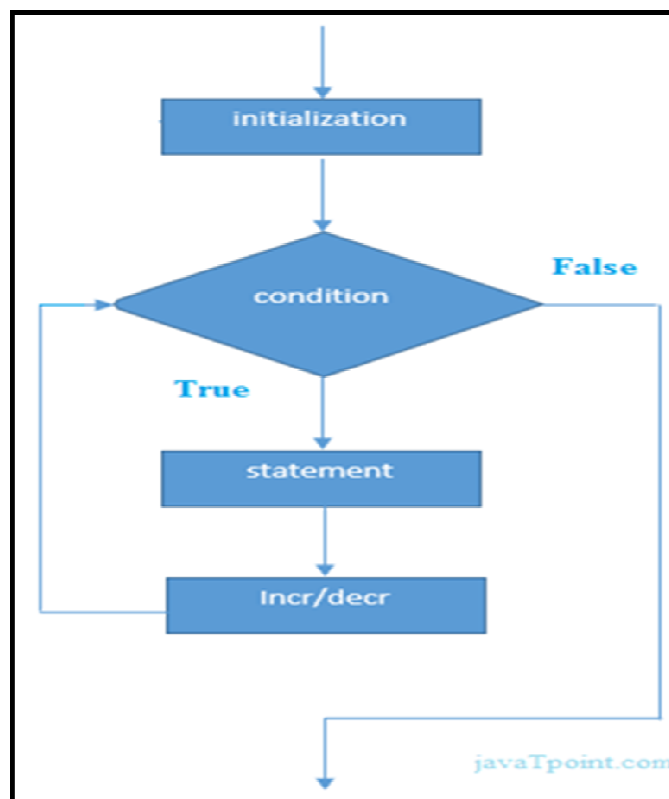


C++ Notes - 11092020

- The C++ for loop is used to iterate a part of the program several times. If the number of iteration is fixed, it is recommended to use for loop than while or do-while loops.
- The C++ for loop is same as C. We can initialize variable, check condition and increment/decrement value.

Syntax –

```
for (initialization; condition; incr/decr)  
{  
    //code to be executed  
}
```



```
/* WAP to print the series upto 10 */
```

```
#include<iostream.h>  
#include<conio.h>
```

```
void main()  
{  
    int i;  
  
    for(i=1;i<=10;i++)  
    {  
        cout<<"\nValue of i: "<<i;  
    }  
}
```

```
/* WAP to print the series upto 10 in infinite loop */
```

```
#include<iostream.h>
#include<conio.h>
```

```
void main()
{
    int i;

    for(i=1;i<10;i--)
    {
        cout<<"\nValue of i: "<<i;
    }
}
```

```
/* WAP to print the series upto 10 in reverse order */
```

```
#include<iostream.h>
#include<conio.h>
```

```
void main()
{
    int i;

    for(i=10;i>=5;i--)
    {
        cout<<"\nValue of i: "<<i;
    }
}
```

```
/* WAP to print the even number series upto 10 */
```

```
#include<iostream.h>
#include<conio.h>
```

```
void main()
{
    int i;

    for(i=2;i<=10;i=i+2)
    {
        cout<<"\nValue of i: "<<i;
    }
}
```

```
/* WAP to print the odd number series upto 10 */
```

```
#include<iostream.h>
#include<conio.h>
```

```
void main()
{
    int i;

    for(i=1;i<=10;i=i+2)
```

```
    {  
        cout<<"\nValue of i: "<<i;  
    }  
}
```

```
/* WAP to print the odd number series upto 10 */
```

```
#include<iostream.h>  
#include<conio.h>
```

```
void main()  
{  
    int i;  
  
    for(i=1;i<=10;i=i+2)  
    {  
        cout<<"\nValue of i: "<<i;  
    }  
}
```

```
/* WAP to print the even number series upto 10 */
```

```
#include<iostream.h>  
#include<conio.h>
```

```
void main()  
{  
    int i;  
  
    for(i=1;i<=10;i++)  
    {  
        if(i%2==0)  
        {  
            cout<<"\nValue of i: "<<i;  
        }  
    }  
}
```