

Ch-4 loop control instruction

1. Loop

For Do-while while

2. For loop

Syntax →

```
for(int i = 0; i < 4; i++) {  
    cout << i << endl;  
}
```

↓
for (initialization; condition; updation) {
 C++ code
}

3. While loop

Syntax :-

```
while (condition) {  
    code  
}
```

important
first check condition
then execute code

4. Do-while loops

Syntax:

```
do {  
    code  
} while (condition);
```

important
first execute code
then check condition

5. break;

breaks the loop;

Syntax:-

```
if (i == 2) {  
    break;  
}
```

6. Continue

Continues ~~the loop~~ skip a number.

Syntax:-

```
if (i == 2) {  
    continue;  
}
```