

3c - While and For loops

Thursday, 6 August 2026 05:37

All three parts of a for loop is optional.

```
for_1.c>int main()
1  #include <stdio.h>
2
3  int main(){
4
5      int i = 0;
6      for(;i<=9;){
7          i++;
8          printf("\n The value of i is %d", i);
9      }
10
11     return 0;
12 }
13
```

c - zsh

```
(base) arneshbanerjee@Arneshs-MacBook-Air c % gcc for_1.c
(base) arneshbanerjee@Arneshs-MacBook-Air c % ./a.out
```

```
The value of i is 1
The value of i is 2
The value of i is 3
The value of i is 4
The value of i is 5
The value of i is 6
The value of i is 7
The value of i is 8
The value of i is 9
The value of i is 10%
```

Syntax

for (i = 0; i <= 3; i++);
printf("%d", i);

is same as

~ > write us ~

```
for (i = 0; i <= 3; i++) {
```

```
}  
printf ("%i\n", i);
```