

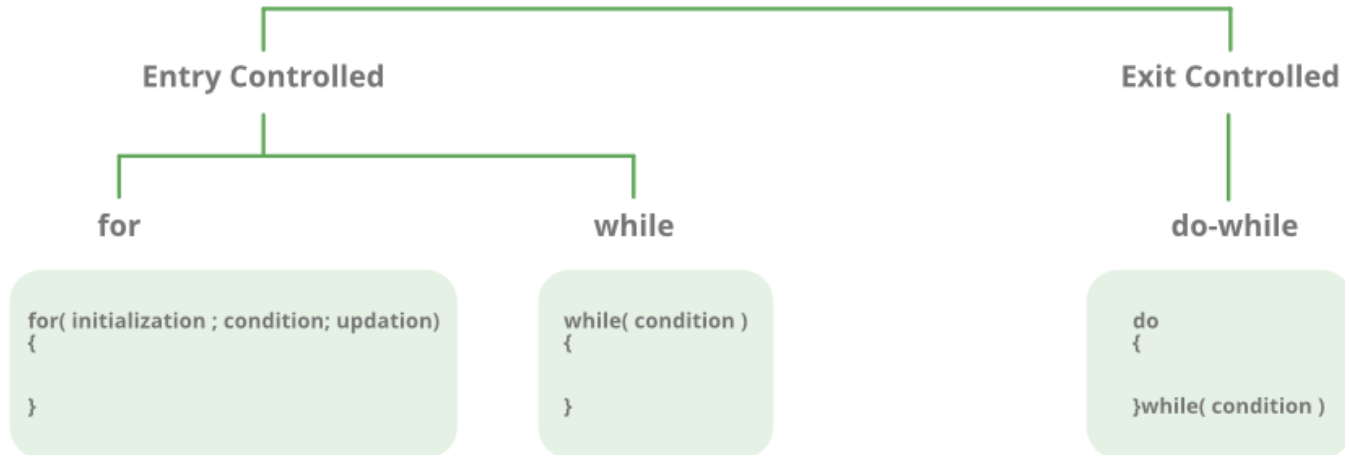


programming language(C)

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Loops





Example 1

```
#include <stdio.h>
#include <stdlib.h>
int main( )
{
    int x;
    for(x = 1; x <= 10; x++)
    {
        printf("%d\t", x);
    }
    return 0;
}
```

"C:\Users\user\Desktop\os\section 3\bin\Debug\section 3.exe"

1	2	3	4	5	6	7	8	9	10
Process returned 0 (0x0) execution time : 2.735 s									
Press any key to continue.									



Example 2

```
#include <stdio.h>
#include <stdlib.h>
```

```
int main()
{
    int i=1;
    for(;i<5;i++)
    {
        printf("%d ",i);
    }
}
```

C:\Users\user\Desktop\os\for\bin\Debug\for.exe

1 2 3 4

Process returned 0 (0x0) execution

Press any key to continue.



Example 3

```
void main ()  
{  
    for(;;)  
    {  
        printf("welcome to javatpoint");  
    }  
}
```




Example 4

```
#include <stdio.h>
#include <stdlib.h>
```

```
int main() {
    int i=1,number=0;
    printf("Enter a number: ");
    scanf("%d",&number);
    for(i=1;i<=10;i++){
        printf("%d \n", (number*i));
    }
    return 0;
}
```

C:\Users\user\Desktop\os\for\bin\Debug\

Enter a number: 5

5
10
15
20
25
30
35
40
45
50

Process returned 0 (0x0) executed
Press any key to continue.



Example 4

```
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int m=0 , sum = 0;
    printf("enter a number: ");
    scanf("%d", &m);

    for ( int x = 1; x<=m ; x++){

        sum+=m;
        printf("%d \n" , sum);
    }
}
```

C:\Users\user\Desktop\os\for\bin\Debug\for.exe

enter a number: 3

3

6

9

Process returned 0 (0x0) execution time : 2

Press any key to continue.



Example 5

```
int main()
{
    int num, count, sum = 0;

    printf("Enter a positive integer: ");
    scanf("%d", &num);

    for(count = 1; count <= num; ++count)
    {
        sum += count;
    }

    printf("Sum = %d", sum);

    return 0;
}
```

C:\Users\user\Desktop\os\for\bin\Debug\for.exe

Enter a positive integer: 45

Sum = 1035

Process returned 0 (0x0) execution time : 6.247 s

Press any key to continue.



Example 6

```
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int i,j,k;
    for (i=0,j=0,k=0;i<4,k<8,j<10;i++)
    {
        printf("%d %d %d\n",i,j,k);
        j+=2;
        k+=3;
    }
}
```

C:\Users\user\Desktop\os\for\bin\Debug\

```
0 0 0
1 2 3
2 4 6
3 6 9
4 8 12

Process returned 0 (0x0)   execu
Press any key to continue.
```



*Thank
You*