

Program on for Loop

Program – 1

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

```
int main ()
```

```
{
```

```
    int i;
```

```
    for( i=0;i<10;i++)
```

```
    {
```

```
        printf("%d ",i);
```

```
    }
```

```
}
```

Out Put Screen

0 1 2 3 4 5 6 7 8 9

Program – 2

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

```
int main ()
```

```
{
```

```
/* for loop execution */
```

```
for( int a = 10; a < 20; a = a + 1 )
```

```
{
```

```
printf("value of a: %d\n", a);
```

```
}
```

```
return 0;
```

```
}
```

Out Put Screen

value of a: 10

value of a: 11

value of a: 12

value of a: 13

value of a: 14

value of a: 15

value of a: 16

value of a: 17

value of a: 18

value of a: 19

Program – 3

```
#include <stdio.h>

int main(){

    int n, count, sum=0;

    printf("Enter the value of n.\n");

    scanf("%d",&n);

    for(count=1;count<=n;++count) //for loop terminates if count>n

    {

        sum+=count;  /* this statement is equivalent to sum=sum+count */

    }

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

    return 0;

}
```

Out Put Screen

Enter the value of n.

19

Sum=190
