

(Video 91) do. while loop.

```
int i = 0;  
while (i > 0);  
{  
    printf(" %d ", i);  
    i--;  
}
```

while loop

Output 0
as condition
fail up 1st time.

at least once
loop runs
we need to use
do-while.

```
int i = 0;  
do  
{  
    printf(" %d ", i);  
    i--;  
} while (i > 0);
```

do-while loop.

condition check
after loop
i = 0 print 0.

i = 0 - 1 = -1
Then condition check

as condition
fail up 1st time.

output → 0

⇒ Write a program which allows user to enter an integer until he/she enters a value zero.

Using while loop

```
int n;  
printf("Enter an integer: ");  
scanf("%d", &n);
```

```
while (n != 0) {
```

```
printf("n = %d", n);
```

```
printf("Enter an integer: ");
```

```
scanf("%d", &n);
```

```
}  
printf("You are out of the loop.");
```


(Using do-while loop)

```
int n;
```

```
do
```

```
{
```

```
    printf ("Enter an Integer");
```

```
    scanf ("%d", &n);
```

```
} while (n != 0);
```

अगर यह code execute करेगा

then check
करेगा
condition

condition satisfied ना रहे
अगर (NO)

→ printf ("You are out of the loop.");

→ satisfied ना out of the

loop करे print करेगा.