

# Loops

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Loops can execute a block of code as long as a specified condition is reached.

## While

```
int i = 0;

while(i < 5)
{
    Console.WriteLine($"Value of i is {i}");
    i++;
}
```

## Do While

```
int i = 6;

do
{
    Console.WriteLine($"Value of i is {i}");
    i++;
}
while (i < 5);
```

## For

```
for(int i=0; i < 5; i ++)
{
    Console.WriteLine($"Value of i is {i}");
}
```

## Break

Jumps out of the loop

```
for (int i = 0; i < 5; i++)
{
    if(i == 4)
    {
        break;
    }
    Console.WriteLine($"Value of i is {i}");
}
```

## Continue

Skips that execution of the loop

```
for (int i = 0; i < 5; i++)
{
    if(i == 4)
    {
        continue;
    }
    Console.WriteLine($"Value of i is {i}");
}
```