



Examples of the Repeat Loop form (note the position of the **ExitOn**)

```
-- Count up: from 1 to n
Set count = 1

Repeat
  Output count
ExitOn (count == n)
  Set count = count + 1
EndRepeat
```

```
-- Count down: from n to 0
Set count = n

Repeat
  Output count
ExitOn (count == 0)
  Set count = count - 1
EndRepeat
```

```
-- Square n by sum n odd ints
Set square = 0
Set index = 1

Repeat
ExitOn (index > n + n)
  Inc square by index
  Inc index by 2
EndRepeat
```

```
-- Temperature table
Set celsius = 100.0

Repeat
  Output celsius
  Outputln (9.0/5.0)*celsius + 32.0
  Set celsius = celsius - 10.0
ExitOn (celsius < -50.0)
EndRepeat
```