



R Programming repeat loop



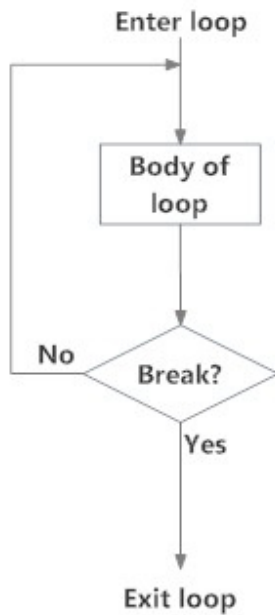
A **repeat** loop is used to iterate over a block of code multiple number of times. There is no condition check in **repeat** loop to exit the loop. We must ourselves put a condition explicitly inside the body of the loop and use the **break** statement to exit the loop. Failing to do so will result into an infinite loop.

Syntax of `repeat` loop

```
repeat {  
    statement  
}
```

In the **statement** block, we must use the **break** statement to exit the loop.

Flowchart of `repeat` loop



Example of `repeat` loop

```
x <- 1

repeat {
  print(x)
  x = x+1
  if (x == 6){
    break
  }
}
```

Output

```
[1] 1
[1] 2
[1] 3
[1] 4
[1] 5
```

In the above example, we have used a condition to check and exit the loop when `x` takes the value of 6. Hence, we see in our output that only values from 1 to 5 get printed.

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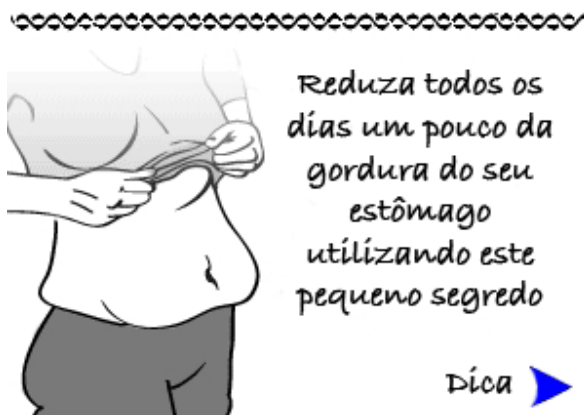
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