Test

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```r
vector <- NULL

for(i in 1:10){
  vector[i] <- i
}

vector
```

```
## [1]  1  2  3  4  5  6  7  8  9 10
```

```r
for (i in 1:10) {
  if (!i %% 2){
    next
  }
    print(i)
}
```

```
## [1] 1
## [1] 3
## [1] 5
## [1] 7
## [1] 9
```

While Loops

while (test_expression){ statement }

```r
i <- 1
while (i < 6){
print(i)
i = i+1
}
```

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

If Else Condicionales

if (test_expression){ statement }

```r
x <- 5
if(x > 0){
print("Positive number")
}
```

```
## [1] "Positive number"
```

if(test_expression){ statement1 } else{ statement2 }

```
x <- -5
if(x > 0){
print("Non-negative number")
} else{
print("Negative number")
}
```

```
## [1] "Negative number"
```

if (test_expression1) { statement1 } else if (test_expression2) { statement2 } else if (test_expression3) { statement3 } else { statement4 }

```
x <- 0
if (x < 0) {
print("Negative number")
} else if (x > 0) {
print("Positive number")
} else
print("Zero")
```

```
## [1] "Zero"
```

Funciones

f <- function() { Do something interesting }