

- Now we need to create the conditions - Condition 1 we will label 'fast' and Condition 2 we will label 'slow'.
- We use the `c()` function to combine the arguments that follow it (i.e., "fast" and "slow") into a vector.

```
> condition <- c(rep("fast", times = 12), rep("slow",
times = 12))
```

```
> condition
```

```
[1] "fast" "fast" "fast" "fast" "fast" "fast" "fast"
"fast" "fast" "fast" "fast" "fast"
```

```
[13] "slow" "slow" "slow" "slow" "slow" "slow" "slow"  
      "slow" "slow" "slow" "slow" "slow"
```

- Now we need to simulate our data - we will sample from the normal distribution so will use the `rnorm()` function.
- We want to simulate the data for our "fast" condition as coming from a distribution with a mean = 1000 and sd = 50, and the data for our "slow" condition from a distribution with a mean = 1020 and sd = 50.
- We need to make sure we set up the order of our `rnorm()` function in the same way as we did for specifying the condition variable (i.e., sampling 12 times for the 'fast' condition and then 12 for the 'slow').