Climate change and behavior

1. Load the .csv file:

```
setwd('/home/GIT/BehavioralBiology')
df <- read.csv('climate-change-data.csv')
```

2. Understand the data

LayDay	Temperature
-0.12	A
-0.18	A
-0.21	A
...	...
0.15	B
-0.12	B
-0.02	B

LayDay is the day at which the clutch is laid (0.00 = 1st of April), while *Temperature* is the average day temperature for that day.

3. Chose a suitable statistical test to investigate if the day of clutch lay is significantly different between temperatures. *Hint: the dataset consists of observation at two different temperature.*

```
t.test(LayDay ~ Temperature, data = df)
```

```
##
##  Welch Two Sample t-test
##
## data:  LayDay by Temperature
## t = -4.6373, df = 66.161, p-value = 1.714e-05
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
##  -0.3433657 -0.1366899
## sample estimates:
## mean in group A mean in group B
##      -0.1837778       0.0562500
```