

# Practical12

*Cici*

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## R Markdown

I am the *best* student.

### **bold**

- Prepare tutorial
- Go to class
- Revise lecture
- Finish ICA report

1. Eat breakfast
2. Eat lunch
3. Eat dinner
4. Sleep

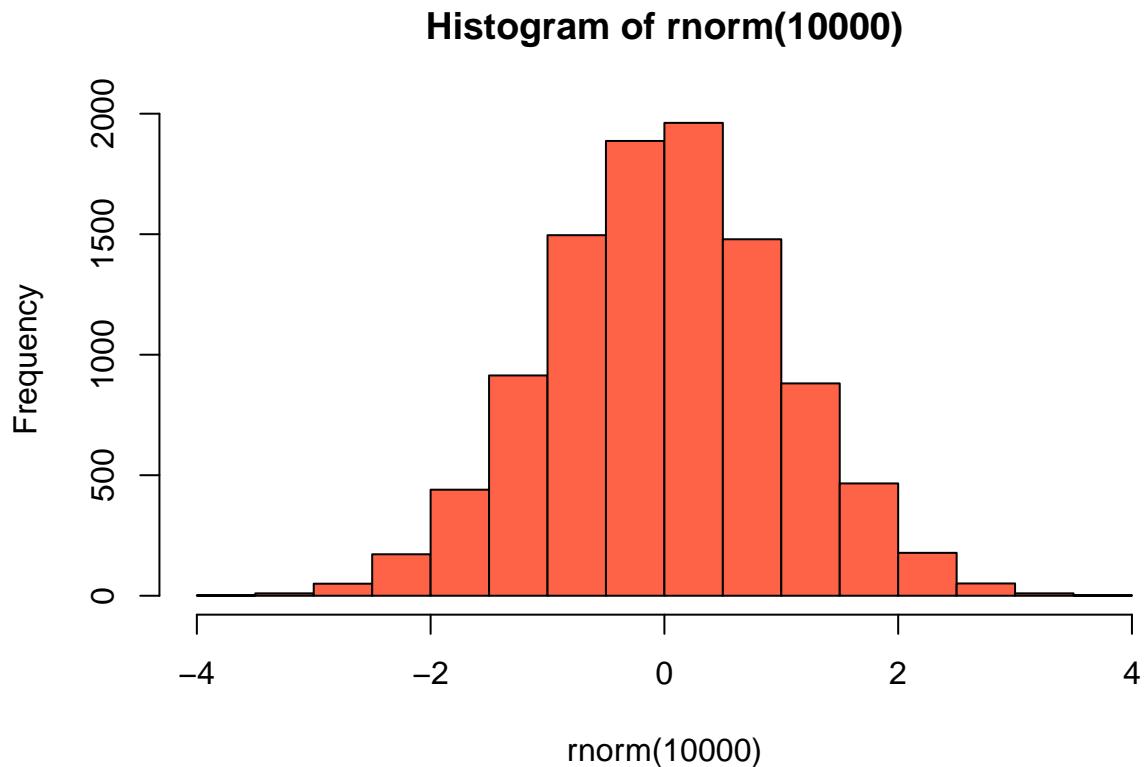
```
x=2  
y=3  
x+y
```

```
## [1] 5
```

```
## [1] 4
```

## Including Plots

```
hist(rnorm(10000), col="tomato")
```



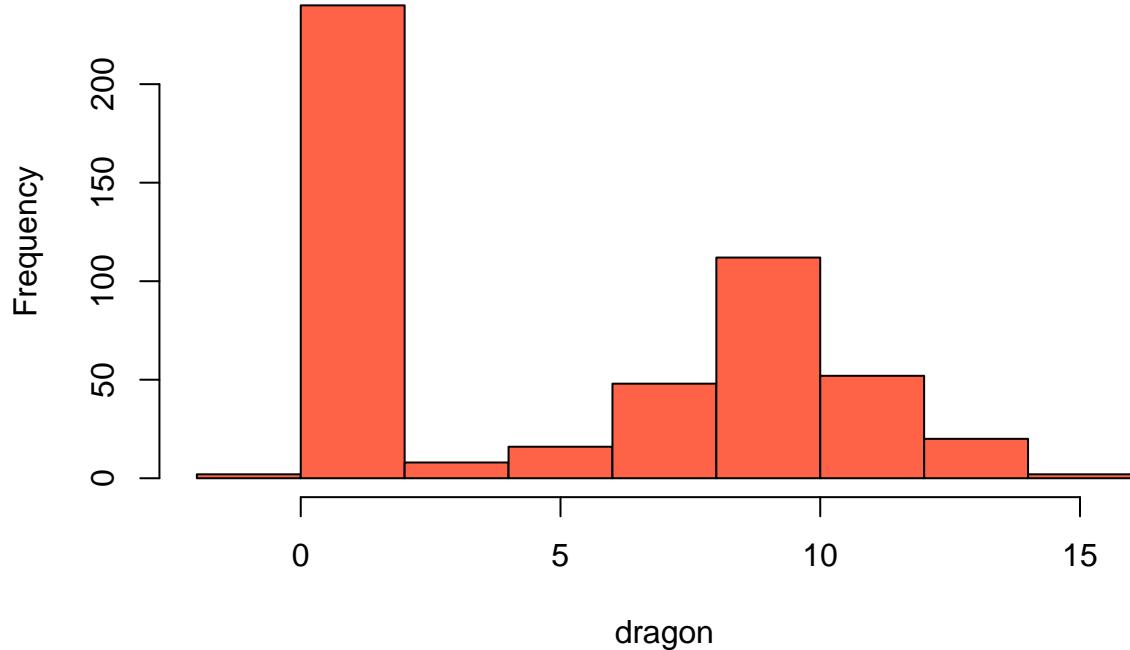
```
x
```

```
## [1] 2
```

We determined that the sum 1 and 2 was 3 surprisingly.

```
dragonwing <- read.csv("C:/Users/sissy/Desktop/test Git/ADS2_2019-21/Practicals/Practical12_R_Markdown/Practical12_R_Markdown.csv")
dragon <- c()
for (j in 1:500) {
  dragon <- c(dragon, dragonwing[j,])
}
hist(dragon, col="tomato")
```

## Histogram of dragon



```
library(knitr)
```

```
## Warning: package 'knitr' was built under R version 3.5.3
```

```
kable(dragonwing[1:5,])
```

x
1.34
0.67
0.80
0.66
1.29

```
kable(summary(dragonwing))
```

wingspan
Min. :-0.140
1st Qu.: 1.058
Median : 3.310
Mean : 5.075
3rd Qu.: 9.070

wingspan
Max. :14.460

```
mice <- read.csv("C:/Users/sissy/Desktop/test Git/ADS2_2019-21/Practicals/Practical12_R_Markdown/mouse.csv")
kable(mice[1:20,c(2,4,5)])
```

ID	weight	age
qg487	20	23
sw743	20	20
je649	21	21
pr476	16	13
nh236	20	16
nt852	15	11
ot185	18	29
mq231	20	7
pg148	21	15
zt398	16	14
nu634	20	38
lj546	17	25
jt739	20	12
af041	20	15
gk257	18	13
cj459	18	28
lu039	21	22
qn532	21	5
ey679	18	21
mp250	20	30

```
kable(summary(mice))
```

date	ID	genotype	weight	age
July 2019:40	af041 : 1	LSM:10	Min. :15.00	Min. : 5.0
NA	cj459 : 1	OLJ:11	1st Qu.:18.00	1st Qu.:13.0
NA	cv471 : 1	RSM:19	Median :20.00	Median :16.0
NA	ey679 : 1	NA	Mean :19.05	Mean :19.1
NA	gd974 : 1	NA	3rd Qu.:20.00	3rd Qu.:23.5
NA	gk257 : 1	NA	Max. :23.00	Max. :46.0
NA	(Other):34	NA	NA	NA



Figure 1: Figure 1: xxx