

# Laboratorio-1.R

Usuario

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```
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# Semana 2 (14/08/2025)
```

```
## Laboratorio 1  
# Primer contacto con RStudio
```

```
300+240+1527+400+1500+1833
```

```
## [1] 5800
```

```
celular <- 300  
celular
```

```
## [1] 300
```

```
transporte <- 240  
comestibles <- 1527  
gimnasio <- 400  
alquiler <- 1500  
otros <- 1833
```

```
5800*5
```

```
## [1] 29000
```

```
5800*10
```

```
## [1] 58000
```

```
abs(10)
```

```
## [1] 10
```

```
abs(-4)
```

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

```
sqrt(9)
```

```
## [1] 3
```

```
log(2)
```

```
## [1] 0.6931472
```

```
# Este es un comentario  
2+9 # aquí tambien se puede poner un comentario
```

```
## [1] 11
```

```
celular
```

```
## [1] 300
```

```
Celular <- -300  
CELULAR <- 800
```

```
celular+Celular+CELULAR
```

```
## [1] 800
```

```
Celular-CELULAR
```

```
## [1] -1100
```

```
help(abs)
```

```
## starting httpd help server ... done
```

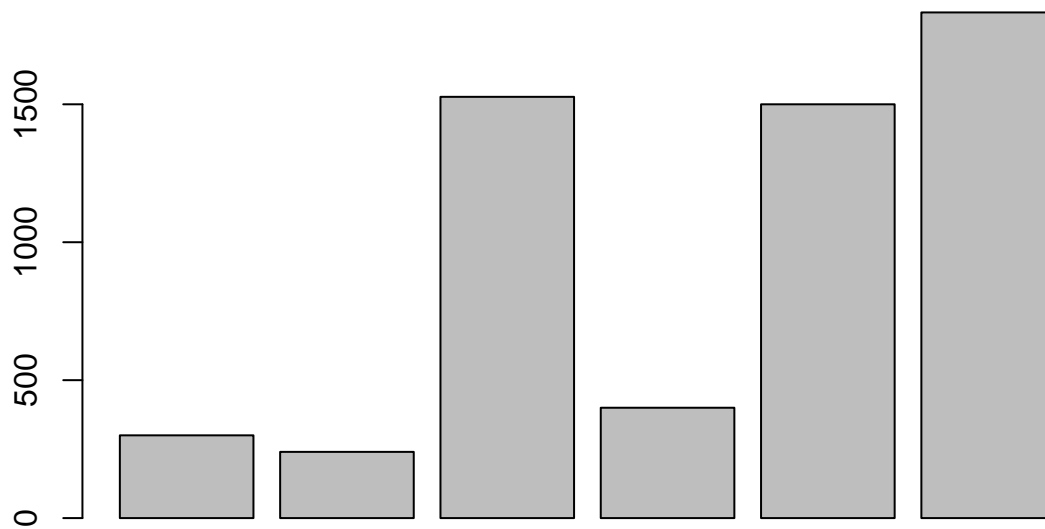
```
help(mean)  
?mean  
help.search("absolute")
```

```
gastos <- c(celular, transporte, comestibles, gimnasio, alquiler, otros)
```

```
gastos
```

```
## [1] 300 240 1527 400 1500 1833
```

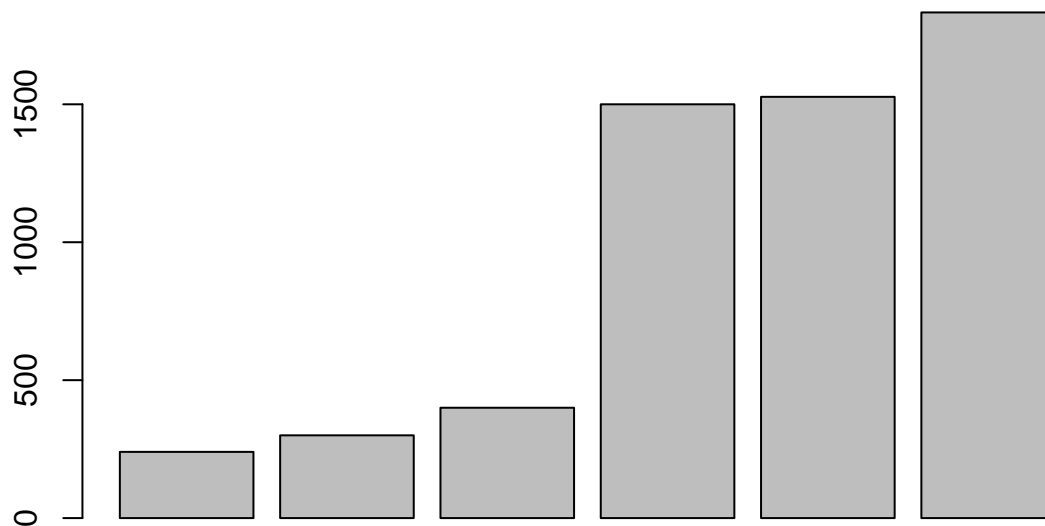
```
barplot(gastos)
```



```
sort(gastos)
```

```
## [1] 240 300 400 1500 1527 1833
```

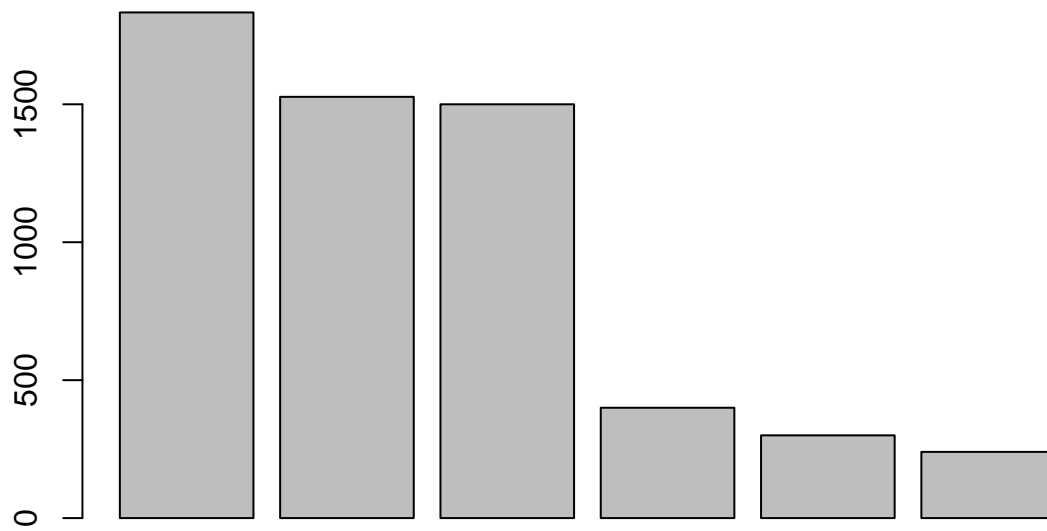
```
gastosOrdenados <- sort(gastos)  
barplot(gastosOrdenados)
```



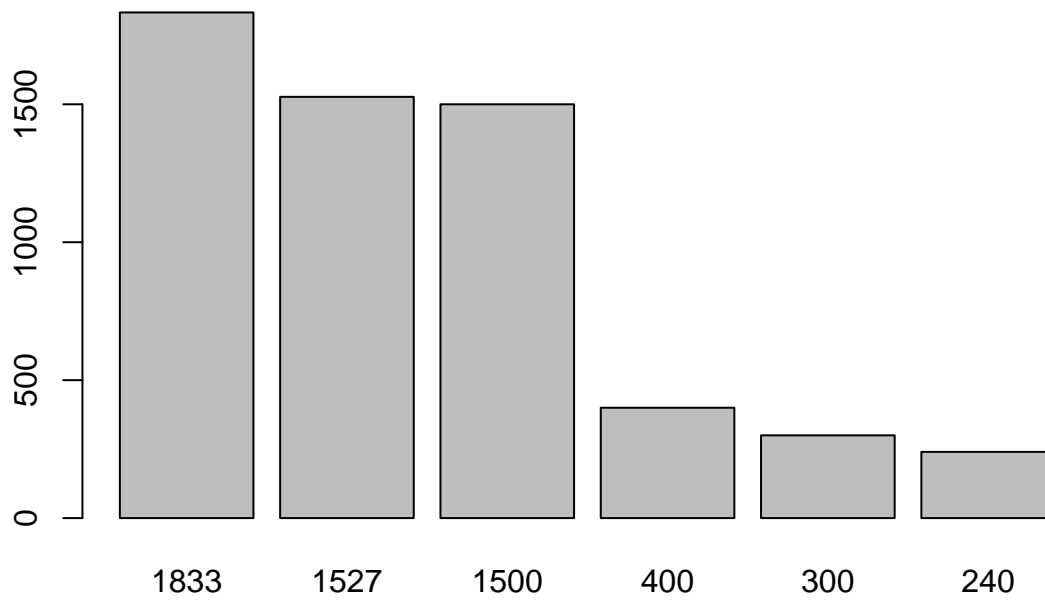
```
help(sort)
sort(gastos,decreasing = TRUE)
```

```
## [1] 1833 1527 1500 400 300 240
```

```
gastos_ordenados <- sort(gastos,decreasing = TRUE)
barplot(gastos_ordenados)
```

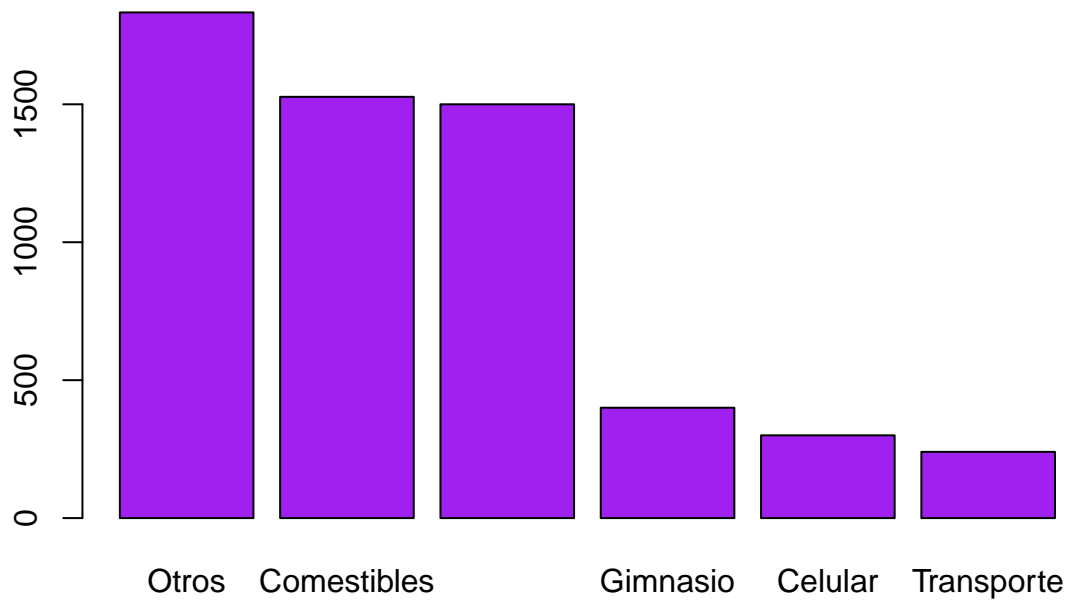


```
help("barplot")  
barplot(gastos_ordenados, names.arg = gastos_ordenados)
```



```
names(gastos_ordenados) <- c("Otros", "Comestibles", "Alquiler", "Gimnasio", "Celular", "Transporte")
barplot(gastos_ordenados,
        main = "Gastos mensuales",
        names.arg = names(gastos_ordenados),
        col = "purple")
```

## Gastos mensuales



# Laboratorio terminado