

Tarea-1.R

User

2021-08-11

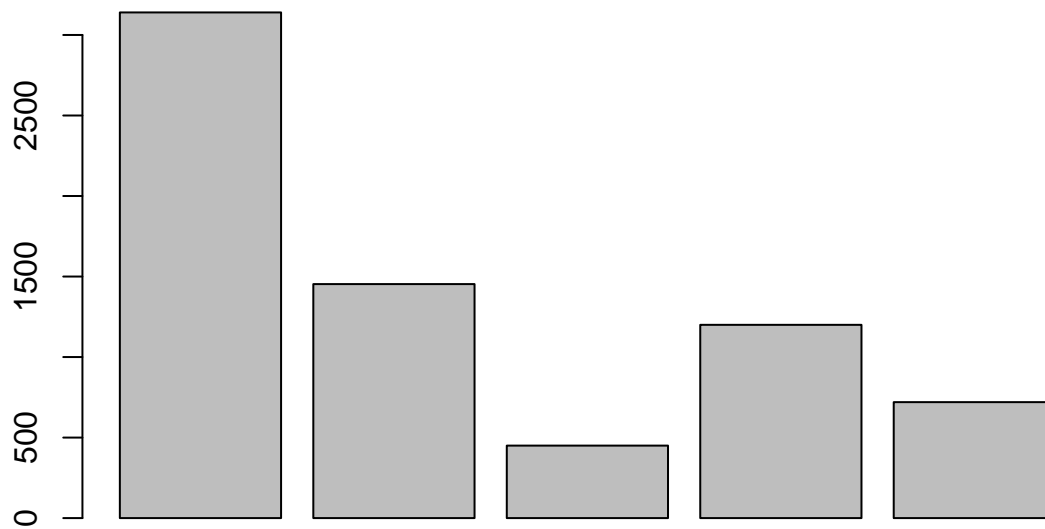
```
# Itzel Guadalupe Reta Heredia  
# 11 de agosto del 2021  
# 2124992  
#####
```

```
# Problema 1 -----
```

```
Pinnus <- 3140  
Mezquite <- 1453  
Encinos <- 450  
Teka <- 1200  
Juniperos <- 720
```

```
superficie <-c(Pinnus, Mezquite, Encinos, Teka, Juniperos)
```

```
barplot(superficie)
```

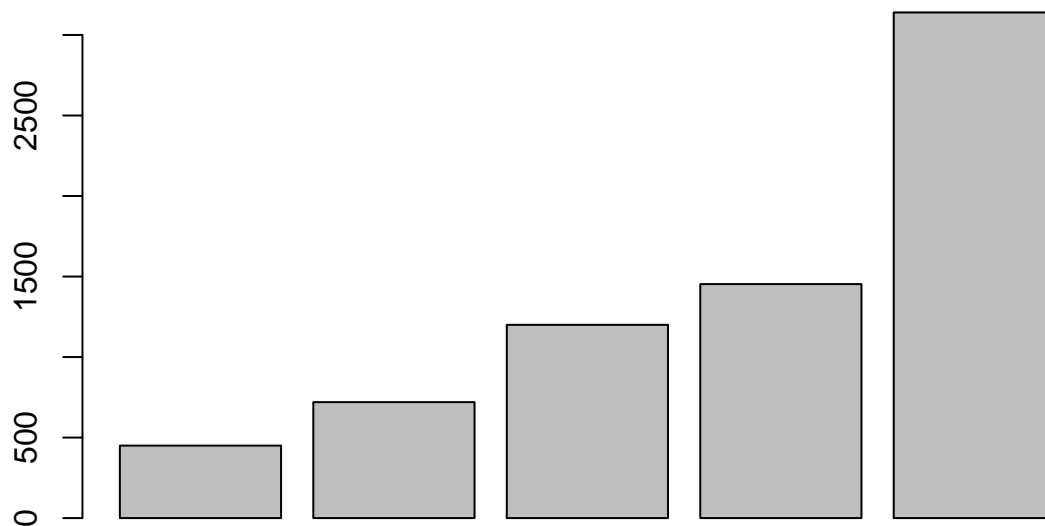


```
sort(superficie)
```

```
## [1] 450 720 1200 1453 3140
```

```
Superficie <- sort(superficie)
```

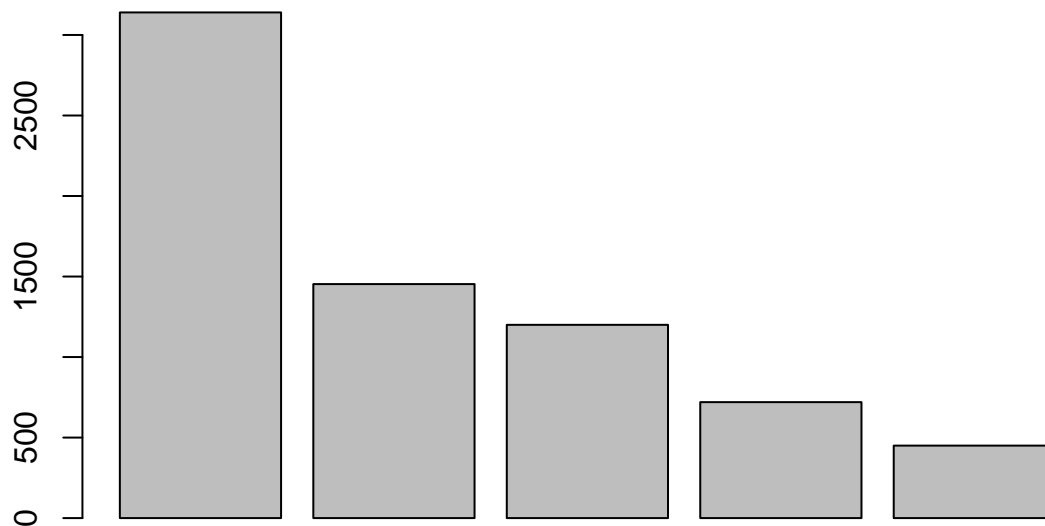
```
barplot(Superficie)
```



```
sort(Superficie, decreasing = TRUE)
```

```
## [1] 3140 1453 1200 720 450
```

```
Superficiee <- sort(Superficie, decreasing = TRUE)  
barplot(Superficiee)
```



```
mean(Superficiee)
```

```
## [1] 1392.6
```

```
# La media de la variable sueprficie es: 1392.6
```

```
# Problema 2 -----
```

```
caj1 <- 4  
caj2 <- 1  
caj3 <- 6  
caj4 <- 2  
caj5 <- 4  
caj6 <- 2  
caj7 <- 4  
caj8 <- 2  
caj9 <- 4  
caj10 <- 6  
caj11 <- 3  
caj12 <- 5  
Caj13 <- 3  
caj14 <- 2  
caj15 <- 5  
caj16 <- 4  
caj17 <- 0  
caj18 <- 5
```

```

caj19 <- 4
caj20 <- 2
caj21 <- 4
caj22 <- 5
caj23 <- 3
caj24 <- 5
caj25 <- 3
caj26 <- 5
caj27 <- 4
caj28 <- 3
caj29 <- 6
caj30 <- 2

```

```

germinacion <- c(caj1, caj2, caj3, caj4, caj5, caj6, caj7, caj8, caj9, caj10, caj11, caj12, Caj13, caj14, caj15, caj16, caj17, caj18, caj19, caj20, caj21, caj22, caj23, caj24, caj25, caj26, caj27, caj28, caj29, caj30)

```

```

#Media

```

```

mean(germinacion)

```

```

## [1] 3.6

```

```

#Desviacion standar

```

```

sd(germinacion)

```

```

## [1] 1.522249

```

```

# Problema 3 -----

```

```

pros1 <- 38
pros2 <- 14
pros3 <- 44
pros4 <- 11
pros5 <- 9
pros6 <- 21
pros7 <- 39
pros8 <- 28
pros9 <- 41
pros10 <- 4
pros11 <- 35
pros12 <- 24
pros13 <- 36
pros14 <- 12
pros15 <- 20
pros16 <- 31
pros17 <- 24
pros18 <- 25
pros19 <- 10
pros20 <- 21
pros21 <- 11
pros22 <- 36
pros23 <- 37
pros24 <- 20
pros25 <- 26

```

```

altura <- c(pros1, pros2, pros3, pros4, pros5, pros6, pros7, pros8, pros9, pros10, pros11, pros12, pros13, pros14, pros15, pros16, pros17, pros18, pros19, pros20, pros21, pros22, pros23, pros24, pros25)

```

```

#Media

```

```
mean(altura)
```

```
## [1] 24.68
```

```
#Desviacion standar
```

```
sd(altura)
```

```
## [1] 11.54599
```