

HW_01.R

GEMA SC

2022-02-04

```
# Problema 1
#04/02/2022
# HW_01
```

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

```
superficie <- c(3140, 1453, 450, 1200, 720)

"superficie" <- c("Pinus", "Mezquite", "Encinos", "Teka", "Juniperos")

"barplot(superficie)"
## [1] "barplot(superficie)"

sort(superficie)
## [1] "Encinos" "Juniperos" "Mezquite" "Pinus" "Teka"

mean(3140 + 1453 + 450 + 1200 + 720) / 5
## [1] 1392.6
```

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

```
In <- c(1:30)

xi <- c(4, 1, 6, 2, 4, 2, 4, 2, 4, 6, 3, 5, 3, 2, 5, 4, 0, 5, 4,
2, 4, 5, 3, 5, 3, 5, 4, 3, 6, 2)

mean(xi)
## [1] 3.6

#muestra

xi <- c(4, 1, 6, 2, 4, 2, 4, 2, 4, 6, 3, 5, 3, 2, 5, 4, 0, 5, 4,
2, 4, 5, 3, 5, 3, 5, 4, 3, 6, 2)

#desviacion tipica
```

```
sd(xi)
## [1] 1.522249

# Problema 3 -----
--

In <- c(1:25)

xi = c(38, 14, 44, 11, 9, 21, 39, 28, 41, 4, 35, 24, 36, 12,
20, 31, 24, 25, 10, 21, 11, 36, 37, 20, 26)

mean(xi)
## [1] 24.68

sd(xi)
## [1] 11.54599
```