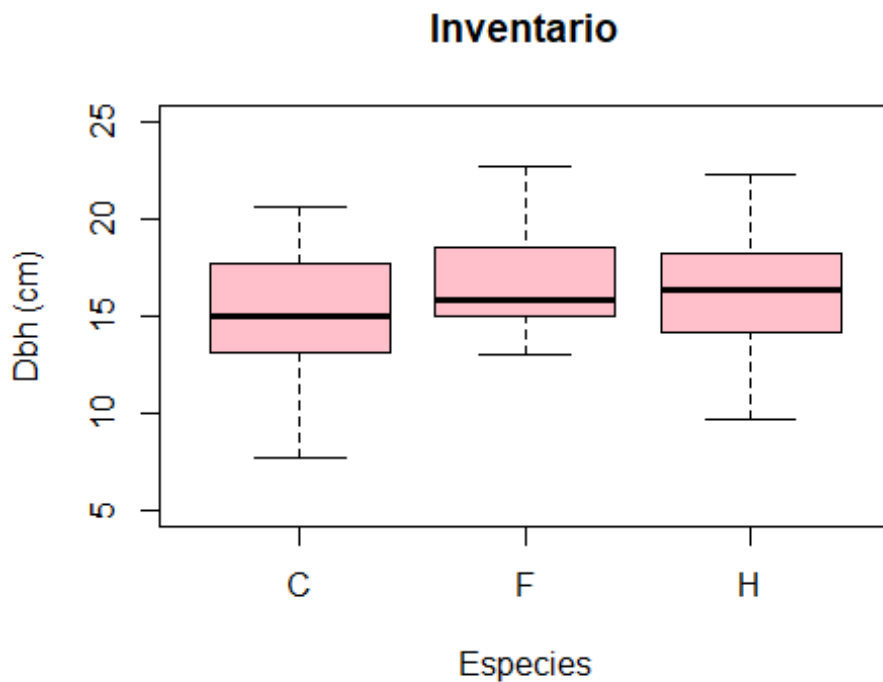


Laboratorio-2.R

Lore

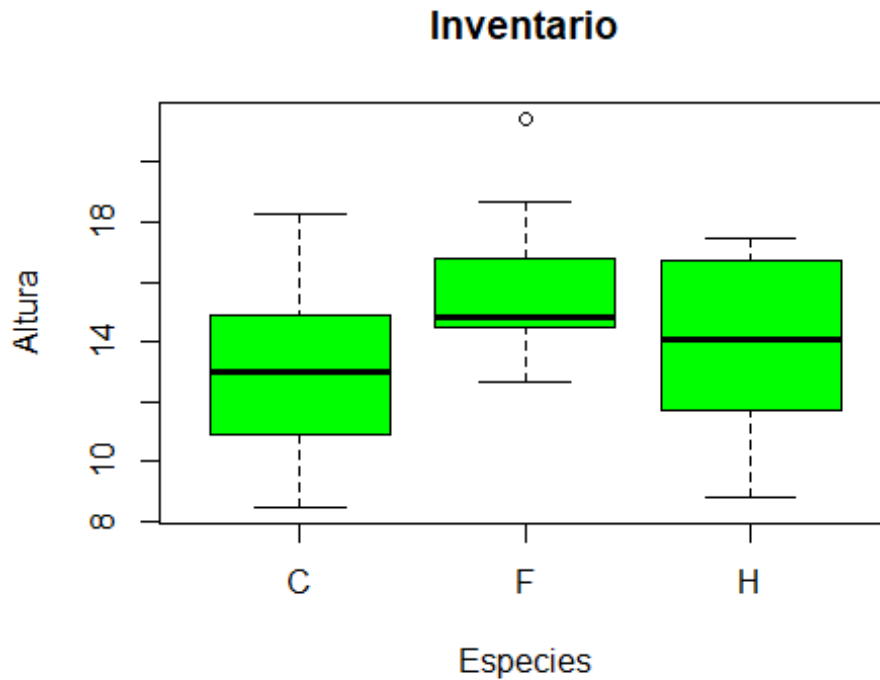
2025-03-31

```
# Laura Lorena Camacho Rangel  
# 2070458  
# 31/03/2025  
  
# La funcion read.csv sirve para importar datos  
trees <- read.csv("Base de datos.csv", header = T)  
  
# La funcion as.factor funciona para convertir caracteres a factores  
trees$Species <- as.factor(trees$Species)  
trees$Crown <- as.factor(trees$Crown)  
  
# Gráfica  
boxplot(trees$Diameter ~ trees$Species,  
        xlab = "Especies", # Etiqueta del eje x  
        ylab = "Dbh (cm)", # Etiqueta del eje y  
        col = "pink",      # Color de las celdas  
        main = "Inventario", # Titulo de la grafica  
        ylim = c(5,25))    # Ampliar limites del eje y
```



Gráfica de altura

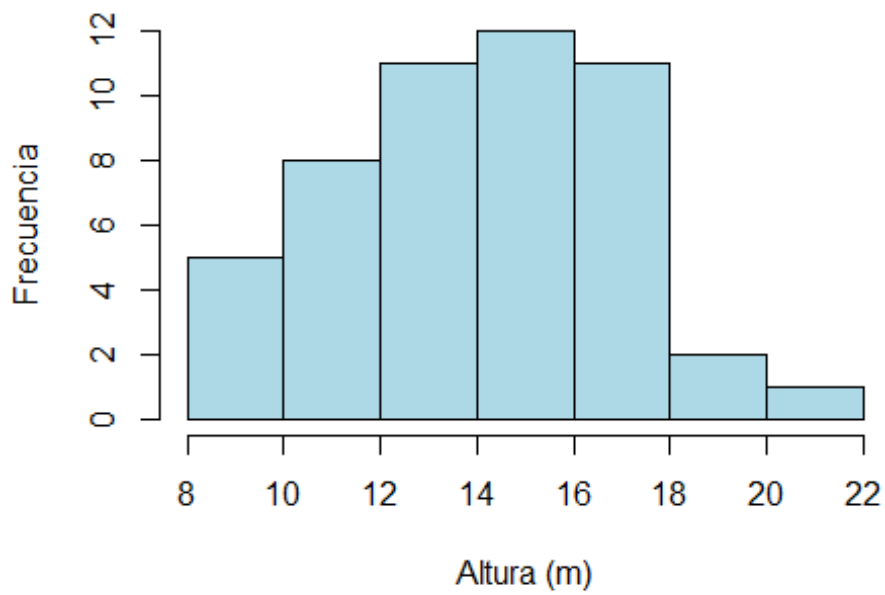
```
boxplot(trees$Total..m. ~ trees$Species,  
        xlab = "Especies",  
        ylab = "Altura",  
        col = "green",  
        main = "Inventario",  
        ylin = c(5,25))
```



#Histograma de altura

```
hist(trees$Total..m.,  
     xlab = "Altura (m)",  
     ylab = "Frecuencia",  
     main = "Características de altura",  
     col = "lightblue")
```

Características de altura



#Hola y tallo

```
stem (trees$Total..m.)
```

```
##
```

```
## The decimal point is at the |
```

```
##
```

```
## 8 | 5578
```

```
## 10 | 024923457
```

```
## 12 | 03678224889
```

```
## 14 | 235566788923
```

```
## 16 | 01378812458
```

```
## 18 | 37
```

```
## 20 | 5
```