# Script_1.R

Usuario

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```
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# 29.01.2020


# operadores basicos  ------------------------------------------------------

2+2
```

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

```
a <- 2
a + 5
```

```
## [1] 7
```

```
a+a^2
```

```
## [1] 6
```

```
log(a)
```

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

```
# Descriptivas -------------------------------------------------------------



# Ingresar conjunto de datos

peso <- c(70, 62, 52, 90, 38, 52, 50, 56, 70, 65, 76, 70, 72)

peso
```

```
##  [1] 70 62 52 90 38 52 50 56 70 65 76 70 72
```

```
# numero de observaciones (length)

length(peso)
```

```
## [1] 13
```

```
#calcular la media del peso: sumatoria de las observaciones y dividirla entre el numero de individuos m

sum(peso)/length(peso)
```

```
## [1] 63.30769
```

```r
peso.media <- sum(peso)/length(peso)

mean(peso)
```

```
## [1] 63.30769
```

```r
median(peso)
```

```
## [1] 65
```

```r
sd(peso)
```

```
## [1] 13.58544
```

```r
var(peso)
```

```
## [1] 184.5641
```

```r
fivenum(peso)
```

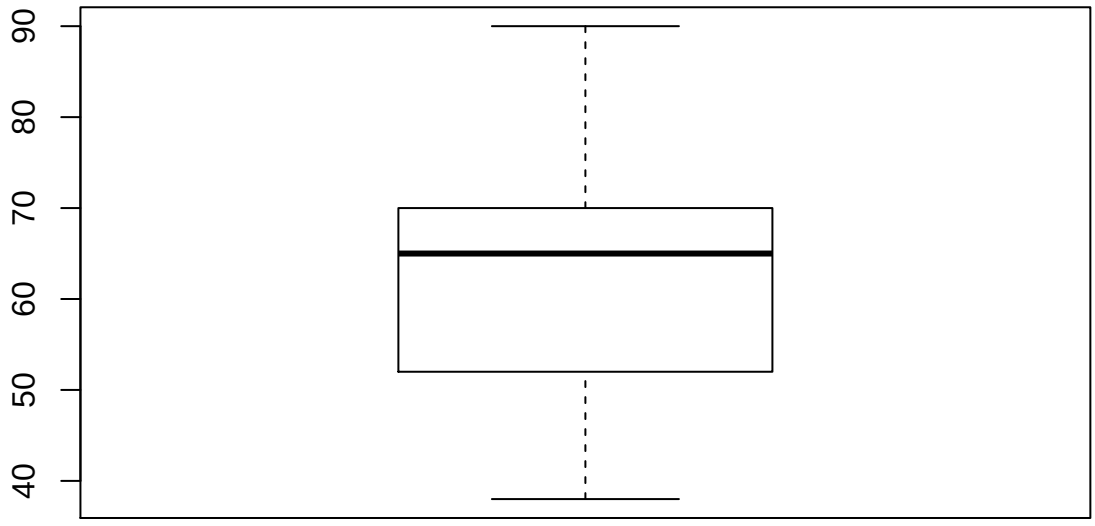
```
## [1] 38 52 65 70 90
```

```r
range(peso)
```

```
## [1] 38 90
```

```r
# graficas  ----------------------------------------------------------------

boxplot(peso)
```



```r
boxplot(peso, col = "lightgreen", ylab= "peso(kg)", main="peso de alumnos el dia 29.01.2020")
```