Clase03-02-22.R

Junio

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```
# Filiberto Lozoya Ojeda
#03/02/22
#Clases
# Sesion Semana 3 Sala de Computo


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# Muestra basica de R ------------------------------------------------
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# Operaciones basicas en R.
2 + 2

## [1] 4

8 / 4

## [1] 2

9 + 5 +8 + 4

## [1] 26

 # Agregar un objeto

resultado <- 9 + 5 + 8 + 4

resultado + resultado

## [1] 52

altura <- c(1.67, 1.52, 1.62, 1.73, 1.58, 1.60, 1.52, 1.70, 1.74, 1.74)

altura

##  [1] 1.67 1.52 1.62 1.73 1.58 1.60 1.52 1.70 1.74 1.74
```

```r
 # Dividir cada altura entre 2


res.alt <- altura / 2
res.alt
```

```
##  [1] 0.835 0.760 0.810 0.865 0.790 0.800 0.760 0.850 0.870 0.870
```

```r
# Primera base de datos ----------------------------------------------
--

Ba <-c(1:5)
h <- c(12, 13.1, 14.8, 16.3, 15.3)
DAP <- c(20, 21.2, 22.1, 24.7, 22.7)
DC <- c(9, 8.5, 7.6, 9.3, 9.2)
t <- c(15, 16, 15, 18, 17)
Sp <- c("Pino", "Pino", "Pino", "Encino", "Encino")

inventario <- data.frame(Ba, h, DAP, DC, t, Sp)

mean(inventario$h)
```

```
## [1] 14.3
```

```r
mean(inventario$DAP)
```

```
## [1] 22.14
```

```r
mean(inventario$Ba)
```

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

```r
mean(inventario$DC)
```

```
## [1] 8.72
```

```r
mean(inventario$t)
```

```
## [1] 16.2
```

```r
# Agregar columna en inventario (DxH)

inventario$dxh <- inventario$h * inventario$DAP


# Graficas ----------------------------------------------------------
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```