

TareaS3D1.R

Keyla Martinez

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```
# KeyMtz
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# Sesion semana 3 sala de computo

# Muestra basica de R

# 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, 1.62, 1.62, 1.73, 1.58, 1.60, 1.70, 1.52, 1.74, 1.74)

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

# dividir cada altura entre 2

res.alt <- altura / 2
res.alt
## [1] 0.835 0.810 0.810 0.865 0.790 0.800 0.850 0.760 0.870 0.870

# Primera base de datos -----
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Ba <- c(1:5)
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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(h)
## [1] 14.3

mean(inventario$h)
## [1] 14.3

mean(inventario$DAP)
## [1] 22.14

mean(inventario$DC)
## [1] 8.72

mean(inventario$t)
## [1] 16.2

# Agregar columna en inventario (dxh)
inventario$dxh <- inventario$h * inventario$DAP

```