



**Subject:** App of IT-Basics of R

**Chapter:** Unit 1

**Category:** Assignment Solution

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#Question 1
Observation <- c(23,28,26,27,26,29,34,35,37,21,20,18,33,30,39)

A <- mean(Observation)

B <- median(Observation)

plot(Observation, type="o")

#Question2
#Let Alpha be A, Beta be B and Gamma be c.
#A,B & C are different neighbourhoods

Alpha <- c(140, 190, 265, 115, 270, 240, 250, 180, 160, 200, 240, 280)
Beta <- c(140, 290, 155, 165, 280, 220, 155, 185, 160, 200, 190, 140, 145)
Gamma <- c(140, 130, 165, 115, 170, 100, 150, 180, 190, 120, 110, 130, 120)

prices <- list(Alpha,Beta,Gamma)

sapply(prices, mean)

#Question3
income <- c(1600, 1500, 1400, 1525, 1625, 1630)
mean(income)

#Question4
#Rule1- variable can never start with a number

1A <- "this is example 1"

#Rule2- numbers can be inserted in the middle of the variable or at the end

A4B <- 2
AB4 <- 3

#Rule3- It can also be separated with an underscore

A_B_6 <- 5

#Rule 4- space cannot be left between variables
A B C <- 5

#Question5

Snowball <- c(5, 0, 2, 0, 1, 1.5, 0, 4, 3, 1)
mean(Snowball)
median(Snowball)
mode <- 0

```