Lab 3

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Case 1: **Young buyer with interest in speed.**

Assumption: Weight of the car should not be greater than 4 and within that the horsepower(speed) should be greater.



The car chosen will be maserati.

code:

plot(hp, wt, main = "Horsepower vs Weight", xlab = "Horsepower", ylab = "Weight",

+ pch = 15, col = "red")

> text(hp, wt, row.names(mtcars), cex = 0.6, pos = 1, col = "blue")

Case 2: **MPG vs HP**



plot(hp, mpg, main = "Horsepower vs Miles/gallon", xlab = "Horsepower", ylab = "Miles/gallon",

+ pch = 15, col = "red")

> text(hp, mpg, row.names(mtcars), cex = 0.6, pos = 1, col = "blue")

Case 3: **HP vs Gear**



attach(mtcars)

plot(hp, gear, main = "Horsepower vs gear", xlab = "Horsepower", ylab = "Gear",

pch = 15, col = "red")

text(hp, gear, row.names(mtcars), cex = 0.6, pos = 1, col = "blue")

github link : <https://github.com/haseeb21603/Lab3AP>