DSR - lab - 3

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1) b) Import a csv file, using read.delim() function & add a suitable column of suitable name. Export this file which was modified as tab delimeted without row names.

* Solution:-

```
Setwd("C:/DSR LAB")
getwd()
items_delim<- read.delim("Mar_Basket.csv", sep=",")
items_delim
vec<- c(1,2,3,4,5,6)
data <- items_delim
data <- cbind(items_delim, new_col = vec)
data
Colnames(data)
write.csv(data," modified_data.csv", row.names= FALSE
```

~~2) Below,~~

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2) Below, we have results of a simple experiment to look at the visitation of various bee species to different plants. The number of bees observed was as follows.

i) Buff Tail : 10 1 37 5 12

ii) Garden bee : 8 3 9 6 4

iii) Red Tail : 8 9 12 4

iv) Card bee : 8 27 6 32 23

v) Honey Bee : 12 13 16 9 10

Make five sample numeric vectors of thes data. Next join the bee vectors together to make a data frame. Each row of the ~~following~~ resulting frame relates to specific plant, the plant names are Thistle, Vipers, Golden Rain, Yell.

* Solution:-

```
BuffTail ← c(10,1,37,5,12)
GoardenBee ← c(8,3,9,6,4)
RedTail ← c(18,9,12,4,6)
CarderBee ← c(8,927,6,32,23)
HoneyBee ← c(12,13,16,9,10)
bee ← data.frame(BuffTail, GoardenBee, RedTail, CarderBee,
                 HoneyBee)
```

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```
bee
beenames <- c('Thistle', 'Vipers', 'GoldenRain', 'Yellowfala',
              'Blackberry')

~~row~~
rownames (bee) = beenames

bee
```