

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

```
s) list.files()  
getwd()  
getwd("/home/kedar/Desktop/blah/blah/DSR-IBM17CS04  
lab-03/data")  
getwd()  
grep(".csv", list.files(), value = T).
```

```
sample-data = read.delim("sample.csv", sep = "\t")  
sample-data  
user = c("IBM17CS041", "IBM17CS035", "IBM17CS043")  
sample-data = cbind(sample-data, user).
```

~~write.csv~~

```
write.table(sample-data, "/home/kedar/Desktop/...",  
row.names = FALSE, sep = "\t")
```

2) Bee experiment.

(i) Buff tail : 10 1 35 5 2.

(ii) Garden bee : 8 3 9 6 4.

(iii) Red tail : 18 9 12 4.

(iv) Carder bee : 8 27 6 32 23.

(v) Honey bee : 12 13 16 9 10.

Ranks : Thistle, vipers, Golden Rain, Yellow ~~tail~~ ~~tail~~, blackberry.

A) buff-tail = C(10, 1, 35, 5, 2).

garden-bee = C(8, 3, 9, 6, 4).

red-tail = C(18, 9, 12, 4, NA)

carder-bee = C(8, 27, 6, 32, 23)

honey-bee = C(12, 13, 16, 9, 10).

my-frame = data.frame(buff-tail, garden-bee, red-tail,
carder-bee, honey-bee)

my-frame

plants = C("Thistle", "Vipers", "Golden Rain", "Yellow ~~tail~~ ~~tail~~",
"blackberry")

rownames(my-frame) = plants

my-frame