

Lab-2 19/01/24

```
name<-c("yesha","dhvija","shital","jiya")
rollno<-c(2,4,6,9)
course<-c("bca","mcsit","mca","bca")
d1<-data.frame(name,rollno,course,stringsAsFactor=FALSE)
print(d1)
```

to print col. name

```
colname(d1)
```

to print rows name

```
rownames(d1)
```

to print cols,rows name

```
dimnames(d1)
```

to print no. Of rows

```
nrow(d1)
```

to print no. Of col.

```
ncol(d1)
```

to print no. Of cols,rows both

```
dim(d1)
```

bind data rows

```
d2<-c("dance","running","dance","running")
d1=rbind(d1,d2)
print(d1)
```

bind data cols

```
grade<-c("A","A","B","C","B")
d1=cbind(d1,grade)
print(d1)
```

delete specific cols

```
d1$grade=NULL
print(d1)
```

to hide 5 rows record

```
d1=d1[-5,]  
print(d1)
```

to hide 2,4 rows record

```
d1=d1[rows,cols]  
d1=d1[c(2,4),]  
print(d1)
```

display empno as no. And empname as name in list empno<-c(1,2,3)

```
empname<-c("a","b","c")  
empdetail<-list("No"=empno,"Name"=empname)  
print(empdetail)
```

```
empno<-c(1,2,3)
```

```
empname<-c("a","b","c")
```

```
empdetail<-list("No"=empno,"Name"=empname)
```

```
print(empdetail)
```

empdetail name add at 4 index in list

```
empdetail$Name[4]="emp4"
```

```
print(empdetail)
```

```
x=c(1:3)
```

```
print(x)
```

5 times print whole vector

```
rep(x,times=5)
```

5 times print each element vector

```
rep(x,each=5)
```

5 limit element print from vector

```
rep(x,length.out=5)
```

userdefined vector double enter to end vector input

```
arr=scan()
```

userdefined vector with character double enter to end vector input

```
arr1=scan(what=character())\
```

```
arr1
```