

Type *Markdown* and LaTeX: α^2

In [23]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti'),
3                 sal=c(20000,30000,40000,50000),
4                 date=as.Date(c("2020-01-01","2020-02-02","2019-03-02","2018-02-03")),
5                 stringAsFactors=FALSE)
6 emp
```

emp_id	emp_name	sal	date	stringAsFactors
1	Pradnya	20000	2020-01-01	FALSE
2	Pratiksha	30000	2020-02-02	FALSE
3	Akanksha	40000	2019-03-02	FALSE
4	Aarti	50000	2018-02-03	FALSE

In [24]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti'),
3                 sal=c(20000,30000,40000,50000),
4                 date=as.Date(c("2020-01-01","2020-02-02","2019-03-02","2018-02-03")),
5                 stringAsFactors=FALSE)
6 final<-data.frame(emp$emp_id,emp$emp_name)
7 final
```

emp.emp_id	emp.emp_name
1	Pradnya
2	Pratiksha
3	Akanksha
4	Aarti

In [25]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti'),
3                 sal=c(20000,30000,40000,50000),
4                 date=as.Date(c("2020-01-01","2020-02-02","2019-03-02","2018-02-03")),
5                 stringAsFactors=FALSE)
6 final<-emp[c(1,2,3),c(1,2)]
7 final
```

emp_id	emp_name
1	Pradnya
2	Pratiksha
3	Akanksha

In [26]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti'),
3                 sal=c(20000,30000,40000,50000),
4                 date=as.Date(c("2020-01-01","2020-02-02","2019-03-02","2018-02-03")),
5                 stringAsFactors=FALSE)
6 final<-emp[2:4,]
7 final
```

	emp_id	emp_name	sal	date	stringAsFactors
2	2	Pratiksha	30000	2020-02-02	FALSE
3	3	Akanksha	40000	2019-03-02	FALSE
4	4	Aarti	50000	2018-02-03	FALSE

In [27]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti'),
3                 sal=c(20000,30000,40000,50000),
4                 date=as.Date(c("2020-01-01","2020-02-02","2019-03-02","2018-02-03")),
5                 stringAsFactors=FALSE)
6 final<-emp[1,2]
7 final
```

Pradnya

► Levels:

In []:

```
1 #Removing Duplicate Data in R
```

In [34]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4,1),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti','Pradnya'))
3 emp
4 emp[duplicated(emp),]
5
6
```

emp_id	emp_name
1	Pradnya
2	Pratiksha
3	Akanksha
4	Aarti
1	Pradnya

emp_id	emp_name
5	1 Pradnya

In [35]:

```
1 emp<-data.frame(emp_id=c(1,2,3,4,1),
2                 emp_name=c('Pradnya','Pratiksha','Akanksha','Aarti','Pradnya'))
3 emp
4 unique(emp)
5
```

emp_id	emp_name
1	Pradnya
2	Pratiksha
3	Akanksha
4	Aarti
1	Pradnya

emp_id	emp_name
1	Pradnya
2	Pratiksha
3	Akanksha
4	Aarti

In []:

```
1
```