

```
my_dataframe<-data.frame(employee_id=c(1:5),employee_name=c("shakib","tamim","riyad","masrafi","musfiq"))
```

```
my_dataframe
```

```
##   employee_id employee_name employee_salary starting_data
## 1           1         shakib             120    2022-01-10
## 2           2          tamim             330    2021-02-11
## 3           3          riyad             440    2023-05-15
## 4           4        masrafi             500    2021-10-20
## 5           5         musfiq             210    2012-11-22
```

```
str(my_dataframe)
```

```
## 'data.frame':    5 obs. of  4 variables:
## $ employee_id   : int  1 2 3 4 5
## $ employee_name  : chr  "shakib" "tamim" "riyad" "masrafi" ...
## $ employee_salary: num  120 330 440 500 210
## $ starting_data  : Date, format: "2022-01-10" "2021-02-11" ...
```

```
f2<-data.frame(my_dataframe$employee_name,my_dataframe$employee_salary)
```

```
print(f2)
```

```
##   my_dataframe.employee_name my_dataframe.employee_salary
## 1                        shakib                        120
## 2                        tamim                        330
## 3                        riyad                        440
## 4                      masrafi                        500
## 5                      musfiq                        210
```

```
f3<-my_dataframe[2,]
f3
```

```
##   employee_id employee_name employee_salary starting_data
## 2           2          tamim             330    2021-02-11
```

```
f4<-my_dataframe[2:4,]
f4
```

```
##   employee_id employee_name employee_salary starting_data
## 2           2          tamim             330    2021-02-11
## 3           3          riyad             440    2023-05-15
## 4           4        masrafi             500    2021-10-20
```

```
a<-my_dataframe[c(2,3),c(1,4)]
a
```

```
##   employee_id starting_data
## 2           2    2021-02-11
## 3           3    2023-05-15
```

```
a1<-my_dataframe[2,3]
a1
```

```
## [1] 330
```

```
a2<-my_dataframe[c(2,3)]
a2
```

```
##   employee_name employee_salary
## 1      shakib           120
## 2      tamim           330
## 3      riyad           440
## 4    masrafi           500
## 5    musfiq           210
```

```
x<-list(6,"rakib",550,"2021-05-14")
```

```
rbind(my_dataframe,x)
```

```
##   employee_id employee_name employee_salary starting_data
## 1           1      shakib           120    2022-01-10
## 2           2      tamim           330    2021-02-11
## 3           3      riyad           440    2023-05-15
## 4           4    masrafi           500    2021-10-20
## 5           5    musfiq           210    2012-11-22
## 6           6      rakib           550    2021-05-14
```

```
y<-c("dhaka","bangladesh","khulna","rajshai","dinajpur")
```

```
cbind(my_dataframe,Address=y)
```

```
##   employee_id employee_name employee_salary starting_data  Address
## 1           1      shakib           120    2022-01-10    dhaka
## 2           2      tamim           330    2021-02-11  bangladesh
## 3           3      riyad           440    2023-05-15    khulna
## 4           4    masrafi           500    2021-10-20    rajshai
## 5           5    musfiq           210    2012-11-22    dinajpur
```

```
my_dataframe
```

```
##   employee_id employee_name employee_salary starting_data
## 1           1      shakib           120    2022-01-10
## 2           2      tamim           330    2021-02-11
## 3           3      riyad           440    2023-05-15
## 4           4    masrafi           500    2021-10-20
## 5           5    musfiq           210    2012-11-22
```

```
my_dataframe<-my_dataframe[-2,]
```

```
my_dataframe
```

```
##   employee_id employee_name employee_salary starting_data
## 1           1         shakib             120    2022-01-10
## 3           3          riyad             440    2023-05-15
## 4           4        masrafi             500    2021-10-20
## 5           5         musfiq             210    2012-11-22
```

```
my_dataframe$starting_data<-NULL
```

```
my_dataframe
```

```
##   employee_id employee_name employee_salary
## 1           1         shakib             120
## 3           3          riyad             440
## 4           4        masrafi             500
## 5           5         musfiq             210
```

```
summary(my_dataframe)
```

```
##   employee_id   employee_name   employee_salary
## Min.   :1.00   Length:4         Min.   :120.0
## 1st Qu.:2.50   Class :character 1st Qu.:187.5
## Median :3.50   Mode  :character Median :325.0
## Mean   :3.25                                Mean  :317.5
## 3rd Qu.:4.25                                3rd Qu.:455.0
## Max.   :5.00                                Max.   :500.0
```