17-07-2018 **Assignment Number 3 1740256**

**Creation Data Frame using R**

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**Aim:**

1. Create a data frame which contains 6 customer profile details.

2. Extract the 3rd and 6th customer details.

3. Add 5 more customer profile to the existing data frame.

**Procedure:**

> cust\_pro<-data.frame(details=c(1:6),id=c("1","2","3","4","5","6"),name=c("Gautam","Jeevan","Shreya","Yana","Sniggy","Sabarinath"),salary=c(5000.60,9700.50,10000.48,8000.00,4500.80,40000.00),shift=c("Night","Night","Day","Night","Day","Day"),DOJ=as.Date(c("12-05-1999","14-09-1994","14-02-1997","31-10-2005","1-1-2000","28-07-2008")))

> cust\_pro

details id name salary shift DOJ

1 1 1 Gautam 5000.60 Night 0012-05-19

2 2 2 Jeevan 9700.50 Night 0014-09-19

3 3 3 Shreya 10000.48 Day 0014-02-19

4 4 4 Yana 8000.00 Night 0031-10-20

5 5 5 Sniggy 4500.80 Day 0001-01-20

6 6 6 Sabarinath 40000.00 Day 0028-07-20

> result<-cust\_pro[c(3,6),]

> result

details id name salary shift DOJ

3 3 3 Shreya 10000.48 Day 0014-02-19

6 6 6 Sabarinath 40000.00 Day 0028-07-20

> new\_cust<-data.frame(details=c(7:11),id=c("7","8","9","10","11"),name=c("Yash","Parth","Mayuri","Yiyasu","Chaitanya"),salary=c(10000.50,8700.50,12000.50,9000.00,7500.80),shift=c("Night","Day","Night","Night","Afternoon"),DOJ=as.Date(c("13-04-1970","06-08-1970","03-03-1996","30-10-2003","1-1-1998")))

> final\_pro<-rbind(cust\_pro,new\_cust)

> final\_pro

details id name salary shift DOJ

1 1 1 Gautam 5000.60 Night 0012-05-19

2 2 2 Jeevan 9700.50 Night 0014-09-19

3 3 3 Shreya 10000.48 Day 0014-02-19

4 4 4 Yana 8000.00 Night 0031-10-20

5 5 5 Sniggy 4500.80 Day 0001-01-20

6 6 6 Sabarinath 40000.00 Day 0028-07-20

7 7 7 Yash 10000.50 Night 0013-04-19

8 8 8 Parth 8700.50 Day 0006-08-19

9 9 9 Mayuri 12000.50 Night 0003-03-19

10 10 10 Yiyasu 9000.00 Night 0030-10-20

11 11 11 Chaitanya 7500.80 Afternoon 0001-01-19

**Conclusion:**

A data Frame which has 6 customer details has been created with their details such as their id, names, salary, shift in which they work, and the date they have joined the company.

The 3rd and 6th customer details have been extracted as per the 2nd question. Also, there have been 5 more rows which have been added to the old dataframe and made into one huge dataFrame.

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