

Assignment 5

1. Employee Data

ID	Name	Department	Salary
Emp1	Darshan Patel	Design	30000
Emp2	Mahesh Chavla	Testing	35000
Emp3	Krishna Shah	HR	30000
Emp4	Dhruv Solanki	Development	33000
Emp5	Vidhi Jain	Testing	27000
Emp6	Krish Pathak	Development	29000

1. Fetch Excel data into Rstudio and display.
2. Write a code to get the structure of a given data frame.
3. Add new row hobby to an existing data frame
4. Count the number of employee belongs to “development” department.
5. Display employee data where salary is greater than 30000.
6. Display Name and Salary column from employee data.
7. Add new employee record into data.
8. Remove only 1st and 3rd record from employee data.
9. Remove Hobby column from employee data

2. Product Data

Name	Category	Price	Quantity
Samsung galaxy	Electronics	20000	3
Arrow 1234	Clothing	670	5
Reebok RealFlex	Footwear	1000	2
Lee	Clothing	865	3
Nokia 800	Electronic	1500	2
Puma Atom	Footwear	1200	5

1. Fetch Excel data into Rstudio and display.
2. Write a code to get the structure of a given data frame.
3. Write a code to extract Name and Quantity column from a data frame.
4. Write a code to reorder data frame column in order Name, Quantity, price and category.
5. Write a code to remove quantity column from data frame and display.
6. Display all data where price is greater than 10000.
7. Write a code to drop 2,4 and 6 row number.
8. Write a code to drop category column from data frame.

Functions:

1. Create a User defined function for addition of two number entered by user.

2. Create menu driven program for following:

Function without argument, Function with argument and Function with return type

3. Create a user defined function to check whether a user given number falls within a given vector.

4. Write a R function that takes a vector and returns a new vector with distinct elements from the first list.