Arrays

—---

1. Create an array in the name of ‘A’ with two matrices of 3 rows and 3 columns having numbers from 1 to 9.
2. Create an array having three matrices of size 3,3 containing consecutive elements
3. Create an array of 3 matrices, 3 rows and 3 columns having consecutive numbers, and have rownames, column names and matrix names)
4. Access element in 2nd row, 3rd column and first matrix
5. Access 2nd row in 1st matrix
6. Access 3rd column in 2nd matrix
7. Access 3rd row , 3rd column in all the matrices
8. Access only 2nd matrix
9. Access the 2nd rows of all the matrices
10. Find the maximum element in row
11. Find the minimum element in column
12. Find the attributes of the array created

Dataframes

—-

1. Create a dataframe with 4 columns and 4 rows. The first column should contain the name of the student, the second column, age, third column the branch of study, fourth column their aadhar number.
2. View the first two records
3. View the last three records
4. Add a new record to the dataframe.
5. Add a new column which gets their local guardian name
6. Print the column names of the dataframe
7. Change the 4th column name to “lg”
8. Change the column names of all the columns to first,second,third and fourth. 9. View the students who have age>18 and create this subset to a new dataframe
10. Display only the second and third record from dataframe
11. Display only column 1 and column 4 of second and third record
12. Display only second and third column of all the rows.
13. Determine the number of rows of the dataframe
14. Determine the number of columns of dataframe
15. Store the dataframe in the desktop
16. Remove the rownames in the csv file
17. Create a csv file using excel and read the csv file