Assignment No. 6.

6) Write a python code on simple manipulation on of Data frames.

Manipulating Dataframes with pandas.

The process of converting unordered data into meaningful information can be done by data manipulation.

pandas :-

pandas is an open-source library that is used from data manipulation to data analytics. & is very powerful flexible and easy to use tool.

Installing pandas :-

pip install pandas.

Importing pands :-

import pandas as pd.

Algorithm :-

Step 1: Start

Step 2: Import the pandas library.

Step 3: create a data frame object.

Step 4: assign values to the rows and columns of the data frame.

Step 5: print dataframe.

Step 6: stop.

Source code :-

```
import pandas as pd
Student_register = pd. Dataframe ()
Student_register ['Name'] = ['shraddha', 'Divya', 'Mansvi',
                             'Ankita']
Student_register ['Age'] = [20, 19, 20, 14]
Student_register ['student'] = [false, True, True, False]
Student_register.
```

output :-

	Name	Age	student
0	Shraddha	20	false
1	Divya	19	True
2	Mansvi	20	True
3	Ankita	14	false