#### Day\_07 (DataFrame)

### Example 48:

Task:

Create a pandas Dataframe from numpy array of random numbers using np.random.rand

# Example 50:

Task:

create a dataframe of series and get the values out of it explicitly and implicitly

#### Example 51:

Task:

use loc,iloc for explicit and implicit indexing

```
In []: # Explicit Indexing using loc newData.loc[10]

In []: # Explicit Indexing using loc newData.loc[10:106]

In []: # implicit Indexing using loc newData.iloc[3]

In []: # Explicit Indexing using loc newData.iloc[2:4]

In []: # Explicit Indexing using loc newData.iloc[3]
```

## Example 52:

Task:

Access values of Dataframe like dictionary style indexing and like database column '.' method

# Example 53:

Task:

create a Dataframe than convert columns to rows and print all the values from the Database

```
In [ ]: stuDataframe=pd.DataFrame(students_Dict)
In [ ]: stuDataframe.values
In [ ]: stuDataframe.T
In [ ]:
```