

Exp-37

Aim: To create a pandas Dataframe from a dictionary and display the resulting Dataframe

pseudocode:

- 1 import the pandas library
- 2 define a dictionary containing sample data with keys representing column name (x, y, z) and values representing the list of values for each column.
- 3 used pd.DataFrame to create Dataframe from Dictionary
- 4 Display Dataframe

sample input:

```
data = { 'x': [78, 85, 96, 80, 86],  
        'y': [84, 94, 89, 82, 86],  
        'z': [86, 97, 96, 72, 83]  
}
```

sample output:

	x	y	z
0	78	84	86
1	85	94	97
2	96	89	96
3	80	82	72
4	86	86	83

Result:

This code was executed successfully and got the output



```
import pandas as pd
```

```
# Sample data
```

```
data = {'X': [78, 85, 96, 80, 86], 'Y': [84, 94, 89, 83, 86], 'Z': [86, 97, 96, 72, 83]}
```

```
# Creating the DataFrame
```

```
df = pd.DataFrame(data)
```

```
# Displaying the DataFrame
```

```
print(df)
```



	X	Y	Z
0	78	84	86
1	85	94	97
2	96	89	96
3	80	83	72
4	86	86	83