PYTHON PANDAS - I

M. PRESHNAVE

Configuration Details:

1.	Problem	Create student name list and student mark list using Pandas
2.	Solver	Python
3.	Compiler	Visual Studio Code Compiler

Source Code Details:

```
import pandas as pd
dataset = {
        'Students' :
        ["Dinesh","Sridhar","Suruthi","Tharini","Ajay","Preshnave","Ramu","Somu","Kannan",
        "Musa","Hari","Gowri","Benishiya"],
         'Marks' : [85,92,98,97,56,99,98,99,96,95,94,97,95]
}

Students_report = pd.DataFrame(dataset,index=[1,2,3,4,5,6,7,8,9,10,11,12,13])
print(Students_report)
```

Source Code Output Details:

```
      Students  Marks
1       Dinesh     85
2      Sridhar     92
3      Suruthi     98
4      Tharini     97
5         Ajay     56
6    Preshnave     99
7         Ramu     98
8         Somu     99
9       Kannan     96
10        Musa     95
11        Hari     94
12       Gowri     97
13   Benishiya     95
```

Find maximum and minimum marks in a data set using Pandas in Python

Configuration Details:

1.	**Problem**	Maximum and minimum marks in a data set using Pandas in Python
2.	**Solver**	Python
3.	**Compiler**	Visual Studio Code Compiler

Source Code Details:

```python
import pandas as pd

dataset = {
        'Students' :
        ["Dinesh","Sridhar","Suruthi","Tharini","Ajay","Preshnave","Ramu","Somu","Kannan",
        "Musa","Hari","Gowri","Benishiya"],
         'Marks' : [85,92,98,97,56,99,98,99,96,95,94,97,95]
}

Students_report = pd.DataFrame(dataset,index=[1,2,3,4,5,6,7,8,9,10,11,12,13])

maximum = Students_report['Marks'].max()
minimum = Students_report['Marks'].min()
print(maximum,minimum)
```

Source Code Output Details:

```
99 56
```