```python
In [1]: import pandas as pd
```

```python
In [8]: temperatures = pd.DataFrame({'Max':[98.5, 97, 101], 'James':[98, 102, 99], 'Emma':[98,97,104]})
```

```python
In [9]: temperatures
```

Out[9]:

	Max	James	Emma
0	98.5	98	98
1	97.0	102	97
2	101.0	99	104

```python
In [16]: temperatures.index = ['Morning', 'Afternoon', 'Evening']
```

```python
In [17]: temperatures
```

Out[17]:

	Max	James	Emma
Morning	98.5	98	98
Afternoon	97.0	102	97
Evening	101.0	99	104

```python
In [19]: temperatures['Max']
```

```
Out[19]: Morning       98.5
         Afternoon     97.0
         Evening      101.0
         Name: Max, dtype: float64
```

```python
In [32]: temperatures.iloc[0]
```

Out[32]:

	Max	James	Emma
Morning	98.5	98	98

```python
In [34]: temperatures.loc[['Morning', 'Evening']]
```

Out[34]:

	Max	James	Emma
Morning	98.5	98	98
Evening	101.0	99	104

```python
In [35]: temperatures
```

Out[35]:

	Max	James	Emma
Morning	98.5	98	98
Afternoon	97.0	102	97
Evening	101.0	99	104

```python
In [39]: temperatures[['Emma','Max']]
```

Out[39]:

	Emma	Max
Morning	98	98.5
Afternoon	97	97.0
Evening	104	101.0

```python
In [40]: temperatures.describe()
```

Out[40]:

	Max	James	Emma
count	3.000000	3.000000	3.000000
mean	98.833333	99.666667	99.666667
std	2.020726	2.081666	3.785939
min	97.000000	98.000000	97.000000
25%	97.750000	98.500000	97.500000
50%	98.500000	99.000000	98.000000
75%	99.750000	100.500000	101.000000
max	101.000000	102.000000	104.000000

```python
In [41]: sorted_temperatures = temperatures.reindex(sorted(temperatures.columns), axis=1)
```

```python
In [42]: sorted_temperatures
```

Out[42]:

	Emma	James	Max
Morning	98	98	98.5
Afternoon	97	102	97.0

| | Evening | 104 | 99 | 101.0 |