


```
In [3]: import pandas as pd
pokemon = pd.read_csv("F:\My Training\Machine Learning knowledge shelf\Pandas
\Practice\Pandas\Datasets\data for panda exercise.csv",squeeze=True, usecols=[
"Student Name"])
print(pokemon)
```

```
0          Abdul Basit
1          Adeel Ahmed
2          Afrah Zareen
3          Ahmed Ali Raza
4          Ahsan Ali Vohra
5          Ameer Hamza
6          Anas Ali Khan
7          Aneebullah Niazi
8          Areesha Sohail
9          Arsalan
10         Fatima Haider Warsi
11         Habib Ullah
12         Hafiza Tooba Akbani
13         Hamza Abdul Jabbar
14         Hareem Afshan
15         Haseeb Sajid
16         Hassam Ahmed
17         Khalid Anwer
18         Madiha Jabeen
19         Mohammad Hunain
20         Muhammad Aamir
21     Muhammad Abdul Rehman Siddiqui
22         Muhammad Abdullah
23         Muhammad Ali Iqbal
24         Muhammad Bilal
25         Muhammad Faraz
26         Muhammad Ghazali Faridi
27         Muhammad Osama Khan
28         Muhammad Saqib Intizar
29     Muhammad Shahroz Khurshid
30         Muhammad Shozab
31         Muhammad Taha Hasnain
32         Muhammad Wajahat Khan
33         Muhammad Younus Baig
34         Nazeer Bin Zafar
35         Rabi Ahmed
36         Rida Nasim
37         Sadaf Nosheen
38         Sadaquat Rafique
39         Sania Iqbal
40         Sharif Taqi
41         Shariqa Ahmad
42         Sumbul Rehman
43         Syed Faizan Uddin
44         Syed Sohaib
45         Syeda Sabika Raza
46         Usman Khan
47         Waqar Ahmed
Name: Student Name, dtype: object
```

```
In [6]: pokemon.sort_values().head(10)
```

```
Out[6]: 0      Abdul Basit
        1      Adeel Ahmed
        2      Afrah Zareen
        3      Ahmed Ali Raza
        4      Ahsan Ali Vohra
        5      Ameer Hamza
        6      Anas Ali Khan
        7      Aneebullah Niazi
        8      Areesha Sohail
        9      Arsalan
        Name: Student Name, dtype: object
```

```
In [7]: pokemon.sort_values(ascending=False).head(10)
```

```
Out[7]: 47      Waqar Ahmed
        46      Usman Khan
        45      Syeda Sabika Raza
        44      Syed Sohaib
        43      Syed Faizan Uddin
        42      Sumbul Rehman
        41      Shariqa Ahmad
        40      Sharif Taqi
        39      Sania Iqbal
        38      Sadaquat Rafique
        Name: Student Name, dtype: object
```

```
In [29]: pokemon.sort_values(ascending=False).tail(10)
```

```
Out[29]: 9      Arsalan
        8      Areesha Sohail
        7      Aneebullah Niazi
        6      Anas Ali Khan
        5      Ameer Hamza
        4      Ahsan Ali Vohra
        3      Ahmed Ali Raza
        2      Afrah Zareen
        1      Adeel Ahmed
        0      Abdul Basit
        Name: Student Name, dtype: object
```

```
In [41]: google = pd.read_csv("F:\My Training\Machine Learning knowledge shelf\Pandas\Practice\Pandas\Datasets\student_results.csv",
                             squeeze = True, usecols=["Student ID"] )
# google = google.sort_values(ascending=False)
# google
```

```
Out[41]: 9    1010
         8    1009
         7    1008
         6    1007
         5    1006
         4    1005
         3    1004
         2    1003
         1    1002
         0    1001
Name: Student ID, dtype: int64
```

```
In [44]: google.sort_values(ascending=True,inplace=True)
google.head(10)
```

```
Out[44]: 0    1001
         1    1002
         2    1003
         3    1004
         4    1005
         5    1006
         6    1007
         7    1008
         8    1009
         9    1010
Name: Student ID, dtype: int64
```