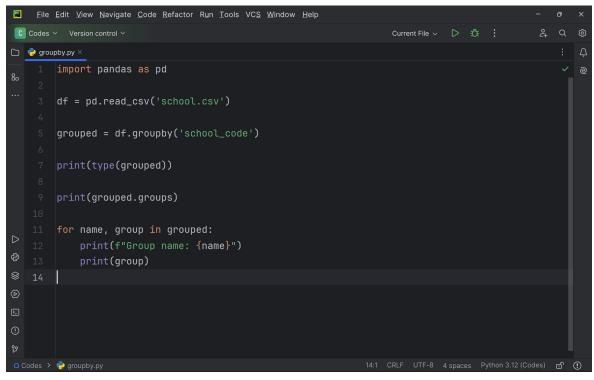
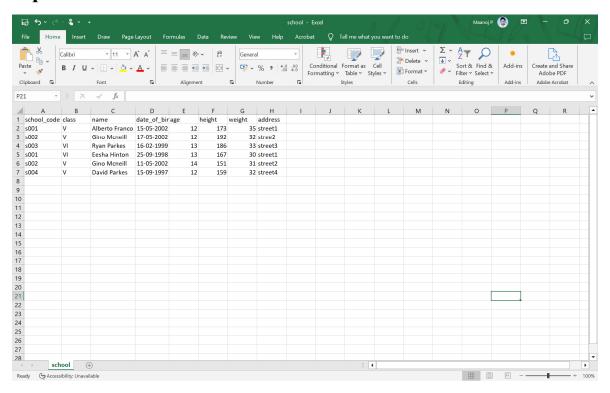
Aim:

To develop a Pandas program to split the dataset into groups based on school code. Also check the type of GroupBy object

Code:



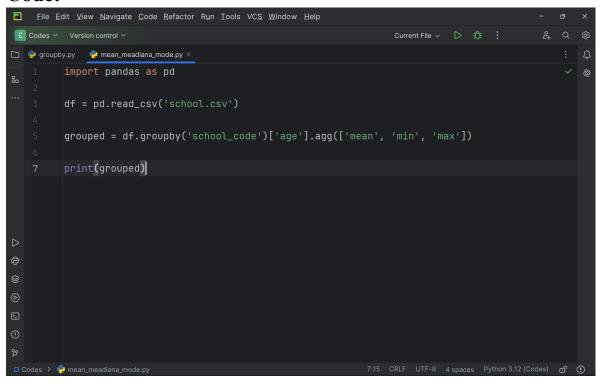


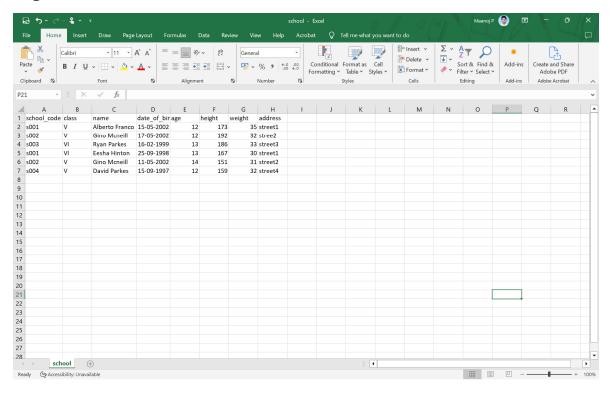
```
Run 🏺 groupby 🗡
  "C:\Users\maano_0waenfu\OneDrive\College\Query Processing\Codes\.venv\Scripts\python.exe" "C:\Us
   <class 'pandas.core.groupby.generic.DataFrameGroupBy'>
= {'s001': [0, 3], 's002': [1, 4], 's003': [2], 's004': [5]}
≟√ Group name: s001
   school_code class
                          name date_of_birth age height weight address
s001 V Alberto Franco 15-05-2002 12
                                                 173 35 street1
         s001 VI Eesha Hinton 25-09-1998 13
                                                       30 street1
   Group name: s002
    school_code class name date_of_birth age height weight address
         s002
               V Gino Mcneill 17-05-2002 12
                                               192
                                                      32 stree2
         s002 V Gino Mcneill 11-05-2002 14
                                                151
                                                      31 street2
   Group name: s003
    2 s003 VI Ryan Parkes
                               16-02-1999 13
                                               186
                                                      33 street3
   Group name: s004
    school_code class
                         name date_of_birth age height weight address
   5 s004 V David Parkes 15-09-1997 12 159 32 street4
   Process finished with exit code 0
```

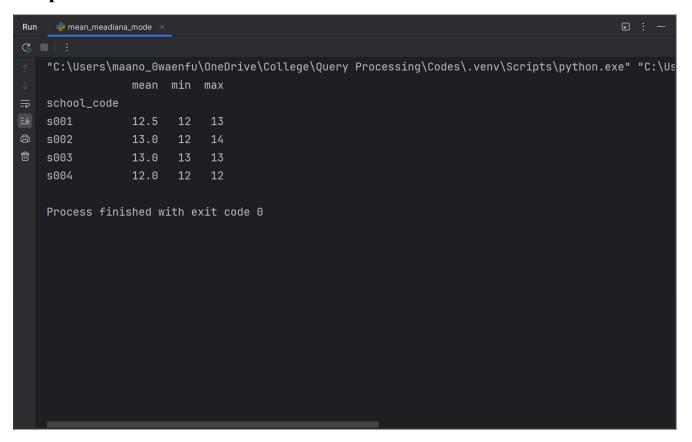
Aim:

To develop a Pandas program to split the dataset into groups based on school code and get mean, min, and max value of age for each school

Code:



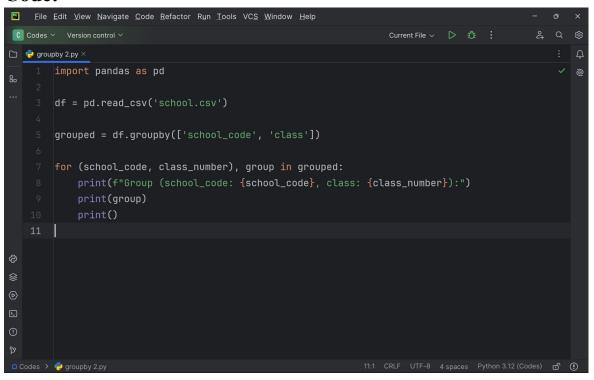


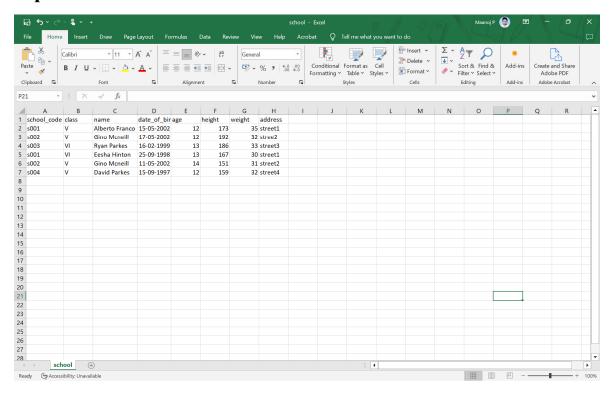


Aim:

To develop a Pandas program to split the dataset into groups based on school code and class.

Code:



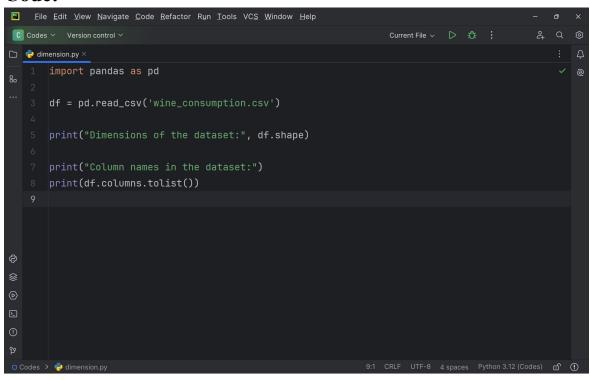


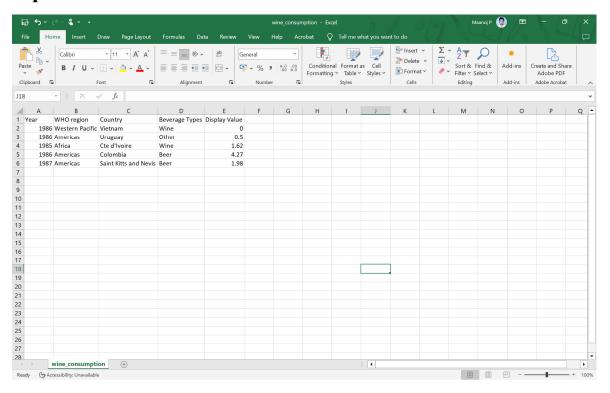
```
Run 🥏 groupby 2 🗵
↑ Group (school_code: s001, class: V):
  ⇒ 0 s001 V Alberto Franco 15-05-2002 12 173 35 street1
□ Group (school_code: s001, class: VI):
  school_code class name date_of_birth age height weight address
  3 s001 VI Eesha Hinton 25-09-1998 13 167 30 street1
  Group (school_code: s002, class: V):
   school_code class name date_of_birth age height weight address
  1 s002 V Gino Mcneill 17-05-2002 12 192
  4 s002 V Gino Mcneill 11-05-2002 14 151 31 street2
  Group (school_code: s003, class: VI):
   school_code class name date_of_birth age height weight address
  2 s003 VI Ryan Parkes 16-02-1999 13 186 33 street3
  Group (school_code: s004, class: V):
    school_code class name date_of_birth age height weight address
  5 s004 V David Parkes 15-09-1997 12 159 32 street4
```

Aim:

To develop a Pandas program to split the dataset into groups based on school code and class.

Code:





Aim:

To develop a Pandas program to split the dataset into groups based on school code and class.

Code:

```
data = {
    'Name': ['Alice', 'Bob', 'Charlie', 'David', 'Eve'],
    'City': ['New York', 'Los Angeles', 'New Orleans', 'Chicago', 'New Haven']
}
df = pd.DataFrame(data)
substring = 'New'
```

