Ben Deatsman Classwork 2C

```
In [10]: import pandas as pd
          import os
In [24]: df = pd.read_csv('airlines.csv')
In [20]: df
Out[20]:
              carrier
                                        name
                  9E
           0
                               Endeavor Air Inc.
                           American Airlines Inc.
                  AA
           1
           2
                 AS
                              Alaska Airlines Inc.
                                JetBlue Airways
           3
                  B6
                 DL
           4
                              Delta Air Lines Inc.
                          ExpressJet Airlines Inc.
           5
                  EV
                  F9
           6
                             Frontier Airlines Inc.
                  FL AirTran Airways Corporation
           7
                 HA
                            Hawaiian Airlines Inc.
           8
           9
                 MQ
                                     Envoy Air
                            SkyWest Airlines Inc.
          10
                 00
                            United Air Lines Inc.
                 UA
          11
                 US
                                US Airways Inc.
          12
          13
                 VX
                                 Virgin America
                          Southwest Airlines Co.
                 WN
          14
                               Mesa Airlines Inc.
          15
                  ΥV
In [26]: df.head()
Out[26]:
             carrier
                                  name
                 9E
          0
                         Endeavor Air Inc.
                 AA American Airlines Inc.
          1
          2
                       Alaska Airlines Inc.
          3
                          JetBlue Airways
                 B6
                       Delta Air Lines Inc.
In [28]: df.tail()
Out[28]:
              carrier
                                    name
                 UA
                        United Air Lines Inc.
          11
                 US
                            US Airways Inc.
          12
                            Virgin America
          13
                  VX
                 WN Southwest Airlines Co.
          14
          15
                  YV
                          Mesa Airlines Inc.
In [30]: df.shape
Out[30]: (16, 2)
In [32]: df.info
Out[32]:
          <bound method DataFrame.info of</pre>
                                                carrier
                                                                                   name
                   9E
          0
                                  Endeavor Air Inc.
          1
                   AA
                             American Airlines Inc.
                   AS
                               Alaska Airlines Inc.
                   B6
                                    JetBlue Airways
                   \mathsf{DL}
                               Delta Air Lines Inc.
                   ΕV
                           ExpressJet Airlines Inc.
                             Frontier Airlines Inc.
                   F9
                       AirTran Airways Corporation
          8
                   HA
                             Hawaiian Airlines Inc.
                   MQ
                                           Envoy Air
                              SkyWest Airlines Inc.
          10
                   00
                              United Air Lines Inc.
          11
                   UA
          12
                   US
                                    US Airways Inc.
          13
                   VX
                                     Virgin America
          14
                   WN
                             Southwest Airlines Co.
          15
                   Y۷
                                 Mesa Airlines Inc.>
In [34]: df.columns
Out[34]: Index(['carrier', 'name'], dtype='object')
In [38]: df.dtypes
                      object
Out[38]: carrier
                      object
          name
          dtype: object
In [40]: df.describe
Out[40]: <bound method NDFrame.describe of
                                                  carrier
                                                                                     name
                   9E
                                  Endeavor Air Inc.
                   AA
                             American Airlines Inc.
          1
          2
                   AS
                               Alaska Airlines Inc.
          3
                   B6
                                    JetBlue Airways
                   DL
                               Delta Air Lines Inc.
                   ΕV
                          ExpressJet Airlines Inc.
          6
                             Frontier Airlines Inc.
                   F9
                   FL
                       AirTran Airways Corporation
          8
                   HA
                            Hawaiian Airlines Inc.
          9
                   MQ
                                           Envoy Air
          10
                   00
                              SkyWest Airlines Inc.
                             United Air Lines Inc.
                   UA
          11
          12
                   US
                                    US Airways Inc.
          13
                   VX
                                     Virgin America
          14
                   WN
                             Southwest Airlines Co.
          15
                   ΥV
                                 Mesa Airlines Inc.>
In [ ]:
```