In [1]:
```
import pandas as pd
data = {'fruits':['grapes','apple','orange','banana'],'price':[90,100,80,40]}
df = pd.DataFrame(data)
print(df)
```

```
   fruits  price
0  grapes     90
1   apple    100
2  orange     80
3  banana     40
```

In [2]:
```
df = pd.DataFrame(data,index=['product_1','product_2','product_3','product_4'])
```

In [3]:
```
print(df)
```

```
           fruits  price
product_1  grapes     90
product_2   apple    100
product_3  orange     80
product_4  banana     40
```

In [4]:
```
max_price = df['price'].max()
```

In [5]:
```
print(max_price)
```

```
100
```

In [6]:
```
df.dtypes
```

Out[6]:
```
fruits    object
price      int64
dtype: object
```

In [7]:
```
df.columns
```

Out[7]:
```
Index(['fruits', 'price'], dtype='object')
```

In [8]:
```
df.shape
```

Out[8]:
```
(4, 2)
```

In [9]:
```
df.size
```

Out[9]:
```
8
```

In [10]:
```
df.values
```

Out[10]:
```
array([['grapes', 90],
       ['apple', 100],
       ['orange', 80],
       ['banana', 40]], dtype=object)
```

In [11]:
```
df.style
```

Out[11]:

	fruits	price
product_1	grapes	90
product_2	apple	100
product_3	orange	80
product_4	banana	40

In [13]:
```
df.iloc[0:3]
```

Out[13]:

	fruits	price
product_1	grapes	90
product_2	apple	100
product_3	orange	80

In [16]:
```
df.empty
```

Out[16]:
```
False
```

In [17]:
```
df.at
```

Out[17]:
```
<pandas.core.indexing._AtIndexer at 0x1edc22264a0>
```

In [18]:
```
df.T
```

Out[18]:

	product_1	product_2	product_3	product_4
fruits	grapes	apple	orange	banana
price	90	100	80	40

In [20]:
```
df.axes
```

Out[20]:
```
[Index(['product_1', 'product_2', 'product_3', 'product_4'], dtype='object'),
 Index(['fruits', 'price'], dtype='object')]
```

In [21]:
```
df.index
```

Out[21]:
```
Index(['product_1', 'product_2', 'product_3', 'product_4'], dtype='object')
```

In [23]:
```
df.ndim
```

Out[23]:
```
2
```

In [ ]:
```

```