In [1]:
```
1 import pandas
2 a=[1,2,7]
3 var=pandas.Series(a)
4 print(var)
```

```
0    1
1    2
2    7
dtype: int64
```

In [4]:
```
1 import pandas
2 a=[30,27,28,29]
3 var=pandas.Series(a,index=["python","chma","cn","dbms"])
4 print(var)
5 print(var[0])
```

```
python    30
chma      27
cn        28
dbms      29
dtype: int64
30
```

In [5]:
```
1 import pandas
2 a={"pp":98,"chma":89,"cn":89,"dbms":88}
3 var=pandas.Series(a)
4 print(var)
```

```
pp      98
chma    89
cn      89
dbms    88
dtype: int64
```

In [26]:
```
df=pandas.read_excel('C:/Users/LAXMI Y SHINGE/OneDrive/D
print(df)
print(df.head())
print(df.tail())
print(df.shape)
sorted_pms=df.sort_values(['PMS'],ascending=False)
print(sorted_pms)
df.describe()
df['Total_marks']=df['PMS']+df['S A LAB']+df['COMM. SKIL
print(df)
#df.to_excel('C:/Users/LAXMI Y SHINGE/OneDrive/Desktop/g
```

```
    SLNo.    Reg. No.                Student Name  PMS
S A LAB  COMM. SKILLS  \
0       1  179CS21010           DARSHAN RAJAPURE   35
40             28
1       2  179CS22001    ABHISHEK B SAKALAKANAVAR   32
48             47
2       3  179CS22002   ABHISHEK RAMESH BIJJARAGI   31
44             40
3       4  179CS22003  AKSHATA SHANTINATH DANOLLI   32
49             38
4       5  179CS22006              ASHARF DHANGE   20
38             24
5       6  179CS22007    BANDENAWAZ ABDUL BIRADAR   20
44             44
6       7  179CS22008      BHUVANESHWARI B  PATIL   27
42             36
7       8  179CS22009        CHANDRAKANT NEMAGOUD   50
60             54
8       9  179CS22010             CHETAN BIRADAR   29
```

In [2]:
```
# Creating data frame from list of dictionaries
import pandas as pd
df=pd.DataFrame([{"a":10,"b":23}, {"a":20,"b":43,"c":90}
print(df)
```

```
    a   b     c
0  10  23   NaN
1  20  43  90.0
```

In [10]:
```
df=pd.DataFrame({"sl.no":[1,2,3],"name":["xyz","abc","mn
print(df)
print(df.loc[["s1","s3"]])
```

```
    sl.no name
s1      1  xyz
s2      2  abc
s3      3  mno
    sl.no name
s1      1  xyz
s3      3  mno
```