Start coding or generate with AI.

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```
import pandas as pd
data ={'Name': ['jai','b'],"age":[1,2],"address":["a","c"]}
df=pd.DataFrame(data)
print(df)
df.rename(columns={'address':'place'},inplace=True)
df
```

```
  Name  age address
0  jai    1       a
1    b    2       c
```

	Name	age	place
0	jai	1	a
1	b	2	c

```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaurav', 'Anuj'], 'Age':[27, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kannauj'], 'Qualification':['M
df = pd.DataFrame(data)
print(df)
df.rename(columns={'address':'place'},inplace=True)
print(df)
```

```
     Name  Age    Address Qualification
0     Jai   27      Delhi           Msc
1  Princi   24     Kanpur            MA
2  Gaurav   22  Allahabad           MCA
3    Anuj   32    Kannauj           Phd
     Name  Age    Address Qualification
0     Jai   27      Delhi           Msc
1  Princi   24     Kanpur            MA
2  Gaurav   22  Allahabad           MCA
3    Anuj   32    Kannauj           Phd
```

```
import pandas as pd
data = {'name': ['Alice', 'Bob', 'Charlie', 'Dave'],'age': [25, 32, 18, 47],'gender': ['F', 'M', 'M', 'M'],'height': [1.62, 1.78, 1.65, 1.83]}
df = pd.DataFrame(data)
df = df['name']
df
```

	name
0	Alice
1	Bob
2	Charlie
3	Dave

dtype: object

```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaurav', 'Anuj'], 'Age':[27, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kannauj'], 'Qualification':['Msc
df = pd.DataFrame(data)
print(df[['Name', 'Qualification']])
```

```
     Name Qualification
0     Jai           Msc
1  Princi            MA
2  Gaurav           MCA
3    Anuj           Phd
```

```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaurav', 'Anuj'], 'Age':[27, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kannauj'], 'Qualification':['M
df = pd.DataFrame(data)
df.filter(items=['Name', 'Address'])
```

	Name	Address
0	Jai	Delhi
1	Princi	Kanpur
2	Gaurav	Allahabad
3	Anuj	Kannauj

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```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaurav', 'Anuj'], 'Age':[27, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kannauj'], 'Qualification':['M
df = pd.DataFrame(data)
df.filter(like="uali")
```

	Qualification
0	Msc
1	MA
2	MCA
3	Phd

```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaurav', 'Anuj'], 'Age':[27, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kannauj'], 'Qualification':['M
df = pd.DataFrame(data)
df.filter(regex='e|n',axis=1)
```

	Name	Age	Address	Qualification
0	Jai	27	Delhi	Msc
1	Princi	24	Kanpur	MA
2	Gaurav	22	Allahabad	MCA
3	Anuj	32	Kannauj	Phd

```
import pandas as pd
data = {'Name':['Jai', 'Princi', 'Gaur', 'Anuj'], 'Age':[24, 24, 22, 32], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kanpur'], 'Qualification':['Msc'
df = pd.DataFrame(data)
df =df.drop_duplicates(subset='Age')
df
```

	Name	Age	Address	Qualification
0	Jai	24	Delhi	Msc
2	Gaur	22	Allahabad	MCA
3	Anuj	32	Kanpur	Phd

```
import pandas as pd
data ={'Name': ['jai','b'],"age":[1,2],"address":["a","c"]}
df=pd.DataFrame(data)
print(df)
df.rename(columns={'address':'place'},inplace=True)
df
```

```
  Name  age address
0  jai    1       a
1    b    2       c
```

	Name	age	place
0	jai	1	a
1	b	2	c

```
import pandas as pd
data = {'Name':['alice','bob','bob','alice'], 'Age':[25,18,18,26], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kanpur'], 'Qualification':['Msc', 'MA',
df = pd.DataFrame(data)
df =df.drop_duplicates(subset=['Age','Name'])
df
```

	Name	Age	Address	Qualification
0	alice	25	Delhi	Msc
1	bob	18	Kanpur	MA
3	alice	26	Kanpur	Phd

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], 'Address':['Delhi', 'Kanpur', 'Allahabad', 'Kanpur']}
df = pd.DataFrame(data)
df =df.drop_duplicates(subset=['Age','Name'],keep="last")
df
```

	Name	Age	Address
0	alice	25	Delhi
1	bob	19	Kanpur
3	alice	18	Kanpur

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df=df.query("Age>=19")
print(df)
```

```
    Name  Age Gender  Height
0  alice   25      F    1.36
1    bob   19      M    1.56
```

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df=df.query('Name.str.contains("a") and Height>1.5')
print(df)
```

```
    Name  Age Gender  Height
2  alice   18      M    1.67
3  alice   18      F    1.78
```

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df=df.query('Gender==["F","M"] and Height>1.5')
print(df)
```

```
    Name  Age Gender  Height
1    bob   19      M    1.56
2  alice   18      M    1.67
3  alice   18      F    1.78
```

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.loc[:,'Age']
```

	Age
0	25
1	19
2	18
3	18

dtype: int64

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.iloc[:,1]
```

	Age
0	25
1	19
2	18
3	18

dtype: int64

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.loc[:,['Name','Age']]
```

	Name	Age
0	alice	25
1	bob	19
2	alice	18
3	alice	18

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.iloc[:,0]
```

	Name
0	alice
1	bob
2	alice
3	alice

dtype: object

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,18], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
dff=df[(df['Gender']=='M')&(df['Height'] >1.3)]
print(dff)
```

```
    Name  Age Gender  Height
1    bob   19      M    1.56
2  alice   18      M    1.67
```

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```
   Name  Age Gender  Height
1  bob   19      M    1.56
3  ali   18      F    1.78
```

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,17], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4 entries, 0 to 3
Data columns (total 4 columns):
 #   Column  Non-Null Count  Dtype
---  ------  --------------  -----
 0   Name    4 non-null      object
 1   Age     4 non-null      int64
 2   Gender  4 non-null      object
 3   Height  4 non-null      float64
dtypes: float64(1), int64(1), object(2)
memory usage: 256.0+ bytes
```

```
import pandas as pd
data = {'Name':['alice','bob','alice','alice'], 'Age':[25,19,18,17], "Gender":['F','M','M','F'],'Height':[1.36,1.56,1.67,1.78]}
df = pd.DataFrame(data)
df.describe()
```

	Age	Height
count	4.000000	4.000000
mean	19.750000	1.592500
std	3.593976	0.179141
min	17.000000	1.360000
25%	17.750000	1.510000
50%	18.500000	1.615000
75%	20.500000	1.697500
max	25.000000	1.780000