exporting pandas

In [18]:
```
import pandas as saipavan
details={
    'name':['pav','ha','pr','hr','fa'],
    'age':[12,23,34,54,32],
    'gender':['male','femlaw','others','male','wefh'],
    'occupation':['hero','eng','lo','doc','plu'],
    'martial status':['single','single','single','single','single']
}
y=saipavan.DataFrame(details)

print(y)
```

```
  name  age  gender occupation martial status
0  pav   12    male       hero         single
1   ha   23  femlaw        eng         single
2   pr   34  others         lo         single
3   hr   54    male        doc         single
4   fa   32    wefh        plu         single
```

In [12]:
```
import pandas as pd

print(pd.__version__)
```

```
1.3.4
```

In [13]:
```
import pandas as pd

a = [1, 7, 2]

myvar = pd.Series(a)

print(myvar)
```

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

In [14]:
```
import pandas as pd

a = [1, 7, 2]

myvar = pd.Series(a, index = ["x", "y", "z"])

print(myvar)
```

```
x    1
y    7
z    2
dtype: int64
```

In [15]:
```
import pandas as pd

calories = {"day1": 420, "day2": 380, "day3": 390}

myvar = pd.Series(calories)

print(myvar)
```

```
day1    420
day2    380
day3    390
dtype: int64
```

In [16]:
```
import pandas as pd

calories = {"day1": 420, "day2": 380, "day3": 390}

myvar = pd.Series(calories, index = ["day1", "day2"])

print(myvar)
```

```
day1    420
day2    380
dtype: int64
```

In [25]:
```
import pandas as saipavan
details={
    'name':['pav','ha','pr','hr','fa'],
    'age':[12,23,34,54,32],
    'gender':['male','femlaw','others','male','wefh'],
    'occupation':['hero','eng','lo','doc','plu'],
    'martial status':['single','single','single','single','single']
}
y=saipavan.DataFrame(details)

print(y.loc[0])
print(y.loc[0:1])
print(y.loc[0:])
```

```
name                pav
age                  12
gender             male
occupation         hero
martial status    single
Name: 0, dtype: object
  name  age  gender occupation martial status
0  pav   12    male       hero         single
1   ha   23  femlaw        eng         single
  name  age  gender occupation martial status
0  pav   12    male       hero         single
1   ha   23  femlaw        eng         single
2   pr   34  others         lo         single
3   hr   54    male        doc         single
4   fa   32    wefh        plu         single
```

In [26]:
```
#Add a list of names to give each row a name:

import pandas as pd

data = {
  "calories": [420, 380, 390],
  "duration": [50, 40, 45]
}

df = pd.DataFrame(data, index = ["day1", "day2", "day3"])

print(df)
print(df.loc["day2"])
```

```
      calories  duration
day1       420        50
day2       380        40
day3       390        45
calories    380
duration     40
Name: day2, dtype: int64
```

In [ ]:
```
#
```