PANDAS

In [2]:
```
import pandas

print(pandas.__version__)
```

```
1.3.4
```

In [11]:
```
import pandas as saketh
family={
    'name':['hari krishna','vani','akanksh','saketh'],
    'age':['53','43','20','18'],
    'gender':['male','female','male','male']
}
a=saketh.DataFrame(family)
print(a)
a.to_excel(r'D:\family.xlsx')
```

```
           name age  gender
0  hari krishna  53    male
1          vani  43  female
2       akanksh  20    male
3        saketh  18    male
```

In [21]:
```
import pandas as saketh
a = [1,2,3,4]
numbers = saketh.Series(a)
print(numbers)
```

```
0    1
1    2
2    3
3    4
dtype: int64
```

In [23]:
```
import pandas as saketh
a=[1,2,3,4]
numbers=saketh.Series(a,index=['x','y','z','a'])
print(numbers)
```

```
x    1
y    2
z    3
a    4
dtype: int64
```

In [24]:
```
import pandas as saketh
calories={'day1':360,'day2':420,'day3':400}
data=saketh.Series(calories)
print(data)
```

```
day1    360
day2    420
day3    400
dtype: int64
```

In [25]:
```
import pandas as saketh
calories={'day1':360,'day2':420,'day3':400}
data=saketh.Series(calories,index=['day1','day2'])
print(data)
```

```
day1    360
day2    420
dtype: int64
```

In [29]:
```
import pandas as saketh
data={
    'calories':['360','420','400'],
    'days':['day1','day2','day3']
}
total=saketh.DataFrame(data)
print(total.loc[1])
```

```
calories     420
days        day2
Name: 1, dtype: object
```

In [30]:
```
import pandas as saketh
data={
     "calories": [420, 380, 390],
     "duration": [50, 40, 45]
}
total=saketh.DataFrame(data,index=['day1','day2','day3'])
print(total)
```

```
      calories  duration
day1       420        50
day2       380        40
day3       390        45
```

In [ ]:
```

```