In [2]:

```python
#Aim:Perform Operation on Data Aquisition
#Exp no:2
#Name:Khushi Chandrashekhar Satpute
#Sec:3rd B
#Roll no:43
#Sub:ET-1
#Date:12/07/2024
```

In [4]:

```python
import pandas as pd
```

In [6]:

```python
a=("khushi")
print(a)
```

khushi

In [8]:

```python
len(a)
```

Out[8]:

6

In [10]:

```python
type(a)
```

Out[10]:

str

In [12]:

```python
a.upper()
```

Out[12]:

'KHUSHI'

In [14]:

```python
import os
```

In [16]:

```python
os.getcwd()
```

Out[16]:

'C:\\Users\\asus\\Downloads'

In [18]:

```python
os.chdir("C:\\Users\\asus\\Desktop")
```

In [20]:

```python
data=pd.read_csv("Titanic.csv")
```

In [22]:

```python
data.head()
```

Out[22]:

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	boat
0	1.0	1.0	Allen, Miss.	female	29.0000	0.0	0.0	24160	211.3375	B5	S	2

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	boat
			Elisabeth Walton									
1	1.0	1.0	Allison, Master. Hudson Trevor	male	0.9167	1.0	2.0	113781	151.5500	C22 C26	S	11
2	1.0	0.0	Allison, Miss. Helen Loraine	female	2.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN
3	1.0	0.0	Allison, Mr. Hudson Joshua Creighton	male	30.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN
4	1.0	0.0	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)	female	25.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN

In [24]:
```python
data.head(30)
```

Out[24]:

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
0	1.0	1.0	Allen, Miss. Elisabeth Walton	female	29.0000	0.0	0.0	24160	211.3375	B5	S
1	1.0	1.0	Allison, Master. Hudson Trevor	male	0.9167	1.0	2.0	113781	151.5500	C22 C26	S
2	1.0	0.0	Allison, Miss. Helen Loraine	female	2.0000	1.0	2.0	113781	151.5500	C22 C26	S
3	1.0	0.0	Allison, Mr. Hudson Joshua Creighton	male	30.0000	1.0	2.0	113781	151.5500	C22 C26	S
4	1.0	0.0	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)	female	25.0000	1.0	2.0	113781	151.5500	C22 C26	S
5	1.0	1.0	Anderson, Mr. Harry	male	48.0000	0.0	0.0	19952	26.5500	E12	S
6	1.0	1.0	Andrews, Miss. Kornelia Theodosia	female	63.0000	1.0	0.0	13502	77.9583	D7	S

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
7	1.0	0.0	Andrews, Mr. Thomas Jr	male	39.0000	0.0	0.0	112050	0.0000	A36	S
8	1.0	1.0	Appleton, Mrs. Edward Dale (Charlotte Lamson)	female	53.0000	2.0	0.0	11769	51.4792	C101	S
9	1.0	0.0	Artagaveytia, Mr. Ramon	male	71.0000	0.0	0.0	PC 17609	49.5042	NaN	C
10	1.0	0.0	Astor, Col. John Jacob	male	47.0000	1.0	0.0	PC 17757	227.5250	C62 C64	C
11	1.0	1.0	Astor, Mrs. John Jacob (Madeleine Talmadge Force)	female	18.0000	1.0	0.0	PC 17757	227.5250	C62 C64	C
12	1.0	1.0	Aubart, Mme. Leontine Pauline	female	24.0000	0.0	0.0	PC 17477	69.3000	B35	C
13	1.0	1.0	Barber, Miss. Ellen "Nellie"	female	26.0000	0.0	0.0	19877	78.8500	NaN	S
14	1.0	1.0	Barkworth, Mr. Algernon Henry Wilson	male	80.0000	0.0	0.0	27042	30.0000	A23	S
15	1.0	0.0	Baumann, Mr. John D	male	NaN	0.0	0.0	PC 17318	25.9250	NaN	S
16	1.0	0.0	Baxter, Mr. Quigg Edmond	male	24.0000	0.0	1.0	PC 17558	247.5208	B58 B60	C
17	1.0	1.0	Baxter, Mrs. James (Helene DeLaudeniere Chaput)	female	50.0000	0.0	1.0	PC 17558	247.5208	B58 B60	C
18	1.0	1.0	Bazzani, Miss. Albina	female	32.0000	0.0	0.0	11813	76.2917	D15	C
19	1.0	0.0	Beattie, Mr. Thomson	male	36.0000	0.0	0.0	13050	75.2417	C6	C
20	1.0	1.0	Beckwith, Mr. Richard Leonard	male	37.0000	1.0	1.0	11751	52.5542	D35	S
21	1.0	1.0	Beckwith, Mrs. Richard Leonard (Sallie Monypeny)	female	47.0000	1.0	1.0	11751	52.5542	D35	S
22	1.0	1.0	Behr, Mr. Karl Howell	male	26.0000	0.0	0.0	111369	30.0000	C148	C
23	1.0	1.0	Bidois, Miss. Rosalie	female	42.0000	0.0	0.0	PC 17757	227.5250	NaN	C

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
24	1.0	1.0	Bird, Miss. Ellen	female	29.0000	0.0	0.0	PC 17483	221.7792	C97	S
25	1.0	0.0	Birnbaum, Mr. Jakob	male	25.0000	0.0	0.0	13905	26.0000	NaN	C
26	1.0	1.0	Bishop, Mr. Dickinson H	male	25.0000	1.0	0.0	11967	91.0792	B49	C
27	1.0	1.0	Bishop, Mrs. Dickinson H (Helen Walton)	female	19.0000	1.0	0.0	11967	91.0792	B49	C
28	1.0	1.0	Bissette, Miss. Amelia	female	35.0000	0.0	0.0	PC 17760	135.6333	C99	S
29	1.0	1.0	Bjornstrom-Steffansson, Mr. Mauritz Hakan	male	28.0000	0.0	0.0	110564	26.5500	C52	S

In [26]:

```
data.tail()
```

Out[26]:

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	bo
1305	3.0	0.0	Zabour, Miss. Thamine	female	NaN	1.0	0.0	2665	14.4542	NaN	C	Na
1306	3.0	0.0	Zakarian, Mr. Mapriededer	male	26.5	0.0	0.0	2656	7.2250	NaN	C	Na
1307	3.0	0.0	Zakarian, Mr. Ortin	male	27.0	0.0	0.0	2670	7.2250	NaN	C	Na
1308	3.0	0.0	Zimmerman, Mr. Leo	male	29.0	0.0	0.0	315082	7.8750	NaN	S	Na
1309	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	Na

In [ ]: