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In [1]: #Name:Shrutika Vijay Ambekar
#Sec:B
#Roll no:01
#Sub:ET-1
#Date:26/07/2024

In [3]: import pandas as pd

In [5]: a=("shrutika")
print(a)

shrutika

In [7]: len(a)

Out[7]: 8

In [9]: type(a)

Out[9]: str

In [11]: a.upper()

Out[11]: 'SHRUTIKA'

In [21]: import os

In [23]: os.getcwd()

Out[23]: 'C:\\Users\\asus\\Searches'

In [27]: os.chdir("C:\\Users\\asus\\Desktop")

In [29]: data=pd.read_csv("Titanic.csv")

In [31]: data.head()

Out[31]:
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	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	boat	body	home.dest
0	1.0	1.0	Allen, Miss. Elisabeth Walton	female	29.0000	0.0	0.0	24160	211.3375	B5	S	2	NaN	St Louis, MO
1	1.0	1.0	Allison, Master. Hudson Trevor	male	0.9167	1.0	2.0	113781	151.5500	C22 C26	S	11	NaN	Montreal, PQ / Chesterville, ON
2	1.0	0.0	Allison, Miss. Helen Loraine	female	2.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN	NaN	Montreal, PQ / Chesterville, ON
3	1.0	0.0	Allison, Mr. Hudson Joshua Creighton	male	30.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN	135.0	Montreal, PQ / Chesterville, ON
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	NaN	Montreal, PQ / Chesterville, ON

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In [33]: data.head(30)

Out[33]:
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	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	boat	body	home.dest
0	1.0	1.0	Allen, Miss. Elisabeth Walton	female	29.0000	0.0	0.0	24160	211.3375	B5	S	2	NaN	St Louis, MO
1	1.0	1.0	Allison, Master. Hudson Trevor	male	0.9167	1.0	2.0	113781	151.5500	C22 C26	S	11	NaN	Montreal, PQ / Chesterville, ON
2	1.0	0.0	Allison, Miss. Helen Loraine	female	2.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN	NaN	Montreal, PQ / Chesterville, ON
3	1.0	0.0	Allison, Mr. Hudson Joshua	male	30.0000	1.0	2.0	113781	151.5500	C22 C26	S	NaN	135.0	Montreal, PQ / Chesterville,

Creighton														ON
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	NaN	Montreal, PQ / Chesterville, ON
5	1.0	1.0	Anderson, Mr. Harry	male	48.0000	0.0	0.0	19952	26.5500	E12	S	3	NaN	New York, NY
6	1.0	1.0	Andrews, Miss. Kornelia Theodosia	female	63.0000	1.0	0.0	13502	77.9583	D7	S	10	NaN	Hudson, NY
7	1.0	0.0	Andrews, Mr. Thomas Jr	male	39.0000	0.0	0.0	112050	0.0000	A36	S	NaN	NaN	Belfast, NI
8	1.0	1.0	Appleton, Mrs. Edward Dale (Charlotte Lamson)	female	53.0000	2.0	0.0	11769	51.4792	C101	S	D	NaN	Bayside, Queens, NY
9	1.0	0.0	Artagaveytia, Mr. Ramon	male	71.0000	0.0	0.0	PC 17609	49.5042	NaN	C	NaN	22.0	Montevideo, Uruguay
10	1.0	0.0	Astor, Col. John Jacob	male	47.0000	1.0	0.0	PC 17757	227.5250	C62 C64	C	NaN	124.0	New York, NY
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	4	NaN	New York, NY
12	1.0	1.0	Aubart, Mme. Leontine Pauline	female	24.0000	0.0	0.0	PC 17477	69.3000	B35	C	9	NaN	Paris, France
13	1.0	1.0	Barber, Miss. Ellen "Nellie"	female	26.0000	0.0	0.0	19877	78.8500	NaN	S	6	NaN	NaN
14	1.0	1.0	Barkworth, Mr. Algernon Henry Wilson	male	80.0000	0.0	0.0	27042	30.0000	A23	S	B	NaN	Hessle, Yorks
15	1.0	0.0	Baumann, Mr. John D	male	NaN	0.0	0.0	PC 17318	25.9250	NaN	S	NaN	NaN	New York, NY
16	1.0	0.0	Baxter, Mr. Quigg Edmond	male	24.0000	0.0	1.0	PC 17558	247.5208	B58 B60	C	NaN	NaN	Montreal, PQ
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	6	NaN	Montreal, PQ
18	1.0	1.0	Bazzani, Miss. Albina	female	32.0000	0.0	0.0	11813	76.2917	D15	C	8	NaN	NaN
19	1.0	0.0	Beattie, Mr. Thomson	male	36.0000	0.0	0.0	13050	75.2417	C6	C	A	NaN	Winnipeg, MN
20	1.0	1.0	Beckwith, Mr. Richard Leonard	male	37.0000	1.0	1.0	11751	52.5542	D35	S	5	NaN	New York, NY
21	1.0	1.0	Beckwith, Mrs. Richard Leonard (Sallie Monypeny)	female	47.0000	1.0	1.0	11751	52.5542	D35	S	5	NaN	New York, NY
22	1.0	1.0	Behr, Mr. Karl Howell	male	26.0000	0.0	0.0	111369	30.0000	C148	C	5	NaN	New York, NY
23	1.0	1.0	Bidois, Miss. Rosalie	female	42.0000	0.0	0.0	PC 17757	227.5250	NaN	C	4	NaN	NaN
24	1.0	1.0	Bird, Miss. Ellen	female	29.0000	0.0	0.0	PC 17483	221.7792	C97	S	8	NaN	NaN
25	1.0	0.0	Birnbaum, Mr. Jakob	male	25.0000	0.0	0.0	13905	26.0000	NaN	C	NaN	148.0	San Francisco, CA
26	1.0	1.0	Bishop, Mr. Dickinson H	male	25.0000	1.0	0.0	11967	91.0792	B49	C	7	NaN	Dowagiac, MI
27	1.0	1.0	Bishop, Mrs. Dickinson H (Helen Walton)	female	19.0000	1.0	0.0	11967	91.0792	B49	C	7	NaN	Dowagiac, MI
28	1.0	1.0	Bissette, Mrs. Albert	female	35.0000	0.0	0.0	PC 17760	135.6333	C99	S	8	NaN	NaN

Miss. Amelia				1 / 60											
29	1.0	1.0	Bjornstrom-Steffansson, Mr. Mauritz Hakan	male	28.0000	0.0	0.0	110564	26.5500	C52	S	D	NaN	Stockholm, Sweden / Washington, DC	

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In [35]: data.tail()
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Out[35]:	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked	boat	body	home.dest
1305	3.0	0.0	Zabour, Miss. Thamine	female	NaN	1.0	0.0	2665	14.4542	NaN	C	NaN	NaN	NaN
1306	3.0	0.0	Zakarian, Mr. Mapriededer	male	26.5	0.0	0.0	2656	7.2250	NaN	C	NaN	304.0	NaN
1307	3.0	0.0	Zakarian, Mr. Ortin	male	27.0	0.0	0.0	2670	7.2250	NaN	C	NaN	NaN	NaN
1308	3.0	0.0	Zimmerman, Mr. Leo	male	29.0	0.0	0.0	315082	7.8750	NaN	S	NaN	NaN	NaN
1309	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

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In [ ]:
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