Name: Raagaveda Emmadisetty

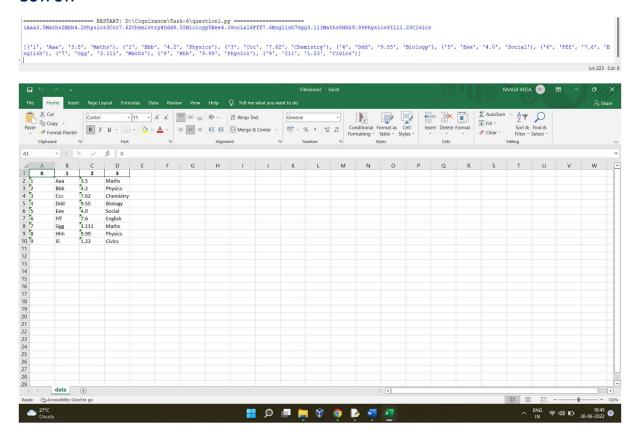**Discord Handle: Raagaveda Emmadisetty#4827**

CH.EN.U4CSE20119

TASK 6

Find the instructions given below for the task. This task consists of 3 Parts i.e. 3 Questions.

question1

Contents of 'onelinefile.txt'

1Aaa3.5Maths2Bbb4.2Physics3Ccc7.62Chemistry4Ddd9.55Biology5Eee4.0Social6Fff7.6English7Ggg 3.111Maths8Hhh9.99Physics9Iii1.23Civics

OUTPUT:

```
==================== RESTART: D:\Cognizance\Task-6\question1.py ====================
1Aaa3.5Maths2Bbb4.2Physics3Ccc7.62Chemistry4Ddd9.55Biology5Eee4.0Social6Fff7.6English7Ggg3.111Maths8Hhh9.99Physics9Iii1.23Civics

[('1', 'Aaa', '3.5', 'Maths'), ('2', 'Bbb', '4.2', 'Physics'), ('3', 'Ccc', '7.62', 'Chemistry'), ('4', 'Ddd', '9.55', 'Biology'), ('5', 'Eee', '4.0', 'Social'), ('6', 'Fff', '7.6', 'E
nglish'), ('7', 'Ggg', '3.111', 'Maths'), ('8', 'Hhh', '9.99', 'Physics'), ('9', 'Iii', '1.23', 'Civics')]
```

question2

OUTPUT:


```
dataframe.shape
dataframe.isnull()
dataframe.isnull().sum()
dataframe.isnull().sum().sum()
dataframe1_new = dataframe.fillna(value=0)
dataframe1_new.isnull().sum().sum()
dataframe1_new
```

Out[2]:

d	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	...	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual
1	60	RL	65.0	8450	Pave	0	Reg	Lvl	AllPub	...	196	Gd	TA	PConc	Gd
2	20	RL	80.0	9600	Pave	0	Reg	Lvl	AllPub	...	0	TA	TA	CBlock	Gd
3	60	RL	68.0	11250	Pave	0	IR1	Lvl	AllPub	...	162	Gd	TA	PConc	Gd
4	70	RL	60.0	9550	Pave	0	IR1	Lvl	AllPub	...	0	TA	TA	BrkTil	TA
5	60	RL	84.0	14260	Pave	0	IR1	Lvl	AllPub	...	350	Gd	TA	PConc	Gd
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	60	RL	69.0	9337	Pave	0	IR1	Lvl	AllPub	...	0	TA	Gd	PConc	Gd
5	60	RL	0.0	9765	Pave	0	IR2	Lvl	AllPub	...	68	Ex	Gd	PConc	Gd
7	20	RL	78.0	10264	Pave	0	IR1	Lvl	AllPub	...	183	Gd	TA	PConc	Gd
8	20	RL	73.0	10921	Pave	0	Reg	HLS	AllPub	...	48	TA	TA	CBlock	TA
9	30	RL	85.0	10625	Pave	0	Reg	Lvl	AllPub	...	0	TA	TA	BrkTil	TA

rs × 36 columns

In [ ]:

question3

OUTPUT:

```
================= RESTART: D:\Cognizance\Task-6\question3.py =================
The words with atleast 6 letters according to the given condition :
Python
almost
aspect
scientific
computing
America
Python
crunch
financial
Facebook
Python
library
Pandas
analysis
libraries
available
perform
analysis
Python
Pandas
Matplotlib
Most frequently used word is :Python, with no of Occurences : 4
```