## **COGNIZANCE**

# TASK – 6 [Python – Mediocre Level]

### **OUTPUT SCREENSHOTS:**

#### Ques1.py

```
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,English
7,Ggg,3.111,Maths
8,Hhh,9.99,Physics
9,Iii,1.23,Civics
```

## Ques2.py

```
----OLD CSV FILE WITH NAN AND NULL VALUES--
                           LotFrontage
       MSSubClass MSZoning
                                         LotArea Street Alley ... Foundation BsmtQual BsmtCond BsmtExposure BsmtFinType1 BsmtFinType2
               60
                                                   Pave
                                   80.0
                                            9600
                                                                                                        Gd
                                                                                                                    ALQ
                                           11250
                                                   Pave
                                                                                   Gd
                                                                                                                               486
                                                                                                                                            Unf
                                            9550
                                                                                                                                            Unf
                                                   Pave
               60
                        RL
                                   84.0
                                           14260
                                                                                   Gd
                                                                                                                    GLQ
                                                                                                                               655
                                                   Pave
                                                                       PConc
                                                                                                                                            Unf
   ..
95
                                   69.0
                                                                                                                               648
                                           9337
                                                   Pave
                                                                       PConc
                                                                                                                                            Unf
95
                                   NaN
                                           9765
                                                         NaN
                                                                       PConc
                                                   Pave
                                                                                                                                            Unf
96
   97
                                   78.0
                                           10264
                                                   Pave
                                                                                   Gd
                                                                                                                                            Unf
                                           10921
                                   73.0
                                                   Pave
                                                                      CBlock
                                                                                                                                            Unf
                                   85.0
                                           10625
                                                   Pave
[99 rows x 36 columns]
                        ------NUMBER OF NULL VALUES IN EACH COLUMNS-----
Ιd
MSSubClass
MSZoning
LotFrontage
               14
LotArea
Street
               93
Allev
LotShape
LandContour
Utilities
LotConfig
LandSlope
Neighborhood
Condition1
Condition2
BldgType
HouseStyle
```

ExterCond 0   Foundation 0   Foundation	Ove Vea Yea Roo Roo Ext Mas	useStyle erallQual erallCond arBuilt arRemodAdd ofStyle ofMatl cerior1st cerior2nd sWnrType sWnrArea	0 0 0 0 0 0 0													
MANUAL CAN FILE NITH NULL VALUES FILES NITH ZERGES   THE ZERGES   TH	Ext Ext Fou Bsr Bsr Bsr Bsr Bsr	terQual terCond undation atQual atCond atExposure atFinType1 atFinSF1 atFinType2	0 3 3 3 3													
I M MSSACTIASS MSZONIAN   Loff-printing   Loff																
8 1 66 RL 63.8 8458 Pave 8 PConc 6d TA No 6LQ 786 Unif 1 2 20 RL 88.0 9606 Pave 0 GELOCK 6d TA 6d ALQ 778 Unif 2 3 66 RL 68.0 11256 Pave 8 PConc 6d TA 6d ALQ 486 Unif 3 4 70 RL 64.0 10556 Pave 0 SerVII TA 6d No ALQ 216 Unif 4 5 66 RL 84.0 14260 Pave 0 PConc 6d TA No 6LQ 486 Unif 4 5 66 RL 84.0 14260 Pave 0 PConc 6d TA No 6LQ 655 Unif 66 66 RL 84.0 12260 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 66 66 RL 84.0 12260 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 68 66 RL 84.0 12260 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 79 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 79 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 79 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 79 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 79 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 70 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 70 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 70 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 67 70 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 68 70 80 20 RL 78.0 18024 Pave 0 PConc 6d TA No 6LQ 655 Unif 79 80 99 30 RL 85.0 18025 Pave 0 BrXTIL TA TA No 6LQ 655 Unif 70 80 99 30 RL 85.0 18025 Pave 0 BrXTIL TA TA No 6LQ 655 Unif 70 80 99 90 90 80 RL 78.0 18024 Pave 0 BrXTIL TA TA NO 6LQ 655 Unif 70 80 90 90 90 90 RL 78.0 18024 Pave 0 BrXTIL TA TA NO 6LQ 655 Unif 70 80 90 90 90 90 RL 78.0 18024 Pave 0 BrXTIL TA TA NO 6LQ 655 Pave 0 BrXTIL TA		Td MSSub	Class MS											RsmtFinTvne1	BsmtFinSF1	BsmtFinTvne2
2 3 60 RL 68.0 11250 Pave 0 PCONC 6d TA Mn 6LQ 486 Unf 3 4.70 RL 68.0 9550 Pave 0 PCONC 6d TA AV 6LQ 655 Unf 4 5 60 RL 69.0 9550 Pave 0 PCONC 6d TA AV 6LQ 655 Unf 4 5 60 RL 69.0 9337 Pave 0 PCONC 6d TA AV 6LQ 655 Unf 6 60 RL 69.0 9337 Pave 0 PCONC 6d TA NO 6LQ 646 Unf 66 V7 20 RL 78.0 19224 Pave 0 PCONC 6d TA NO ALQ 310 Unf 76 V7 20 RL 78.0 19224 Pave 0 PCONC 6d TA AV ALQ 1102 Unf 76 V7 90 20 RL 78.0 19224 Pave 0 PCONC 6d TA AV ALQ 1102 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 PCONC 6d TA AV ALQ 1102 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 PCONC 6d TA AV ALQ 1102 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 PCONC 6d TA AV ALQ 1102 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 BRATEL TA TA NO ALQ 180 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 BRATEL TA TA NO ALQ 180 Unf 76 V7 90 30 RL 68.0 18025 Pave 0 BRATEL TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA TA NO ALQ 180 Unf 76 V7 90 STATE TO TA TA TA NO ALQ 180 U		1	60	RL	65.0	8450	Pave	0		PConc	Gd	TA	No	GLQ	706	Unf
3 4 70 8L 60.0 9550 Pave 0 BRYTIL TA 6d No ALQ 215 Unf 4 5 60 8L 84.0 12600 Pave 0 PCONC 6d TA AV 6LQ 655 Unf 64 5 60 8L 89.0 9337 Pave 0 PCONC 6d TA No 6LQ 648 Unf 95 96 60 8L 8.0 9765 Pave 0 PCONC 6d TA No 6LQ 648 Unf 97 98 20 8L 73.0 18921 Pave 0 PCONC 6d TA No Rec 520 Unf 97 70 8 20 8L 73.0 18921 Pave 0 PCONC 6d TA No Rec 520 Unf 98 97 30 8L 85.0 18921 Pave 0 PCONC 6d TA No Rec 520 Unf 10 97 POWS X 36 COLUMNS  10																
94 95 68 RL 69.8 9337 Pave 8 PConc 6d TA No 6LQ 648 Unf 195 96 68 RL 8.8 9755 Pave 9 PConc 6d 6d No ALQ 330 Unf 196 97 28 RL 78.8 18264 Pave 8 PConc 6d 6d No ALQ 330 Unf 197 98 28 RL 78.8 18264 Pave 9 PConc 6d 6d No ALQ 330 Unf 197 98 99 28 RL 78.8 18264 Pave 9 ENCORD 17 No RC 520 Unf 198 99 93 RL 85.8 18625 Pave 9 ENCORD 18 No ALQ 188 Unf 198 99 93 RL 85.8 18625 Pave 9 ENCORD 18 No ALQ 188 Unf 198 99 18 No ALQ 188 Unf 198 99 18 No ALQ 188 Unf 199 18 No ALQ 189 18 No ALQ 188 Unf 199 18 No ALQ 189 18 No ALQ 18	3	4	70	RL	60.0	9550	Pave	Θ		BrkTil	TA	Gd	No	ALQ	216	Unf
94 95 40 RL 49.8 9337 Pave 0 PConc 6d TA No 6LQ 648 Unf 95 96 40 RL 8.8 9765 Pave 0 PConc 6d TA No ALQ 318 Unf 96 97 20 RL 78.0 10524 Pave 0 PConc 6d TA No Rec 520 Unf 97 98 20 RL 78.0 10524 Pave 0 CBlock TA TA No Rec 520 Unf 98 99 30 RL 85.0 10625 Pave 0 BrkTil TA TA No ALQ 1188 Unf 199 FOREX 36 COLUMNS																
96 97 20 RL 78.0 10244 Pave 0 PConc 6d TA AV ALQ 1162 Unf 97 98 20 RL 78.0 10921 Pave 0 EBLOCK TA TA NO Rec 528 Unf 98 99 30 RL 85.0 10625 Pave 0 BrkTil TA TA NO ALQ 108 Unf 98 99 30 RL 85.0 10625 Pave 0 BrkTil TA TA NO ALQ 108 Unf 98 99 30 RL 85.0 10625 Pave 8 BrkTil TA TA NO ALQ 108 Unf 98 90 30 RL 85.0 10625 Pave 8 BrkTil TA TA NO ALQ 108 Unf 98 90 30 RL 85.0 10625 Pave 8 BrkTil TA TA NO ALQ 108 Unf 98 90 30 RL 85.0 10625 Pave 8 BrkTil TA TA NO ALQ 108 Unf 98 90 90 90 90 90 90 90 90 90 90 90 90 90	94	95	60	RL	69.0	9337	Pave	0		PConc	Gd	TA	No	GLQ	648	Unf
97 98 20 RL 73.0 109/21 Pave 0 CBLOck TA TA NO Rec 520 Unf 98 99 30 RL 85.0 106/25 Pave 0 BrkTil TA TA NO ALQ 188 Unf [97 rows x 36 columns]																
1	97	98	20	RL	73.0	10921				CBlock		TA			520	Unf
NUMBER OF NULL VALUES IN EACH COLUMNS (UPDATED)	98	99	30	RL	85.0	10625	Pave	0		BrkTil	TA	TA	No	ALQ	108	Unf
Id	[9	9 rows x 36	columns		MUM	DED OF NII	LI VALU	IEC TN	EACH	COLLIMNS (HE	DATED)					
OveralCond         0           YearBuilt         0           YearRemodAdd         0           RoofStyle         0           RoofMatl         0           Exterior1st         0           Exterior2nd         0           MasVnrType         0           MasVnrArea         0           ExterQual         0           ExterCond         0           Foundation         0           BsmtCond         0           BsmtExposure         0           BsmtFinType1         0           BsmtFinType2         0	MS MS Local State of the Cocal S	SubClass Zoning tFrontage tArea creet ley tShape indContour cilities ttConfig indSlope cighborhood indition1 indition2 dgType iuseStyle	0 0 0 0 0 0 0 0													
	Over Year Notes Rocc Ext Mass Ext Ext Foundament Bass Bass Bass Bass Bass Bass Bass Bas	erallCond irBuilt irRemodAdd ifStyle ifMatl ierior2nd iVnrType iVnrArea ierQual ierCond indation itQual itCond itExposure itFinType1 itFinType2	0000000000000000													

# Ques3.py

Frequency of the words having atleast six letters
The most frequently used 6 lettered word in this file: Python