EXPERIMENT NO.1

AIM - Write a python program to open Comma Separated Value (CSV) and perform given statistical operations.

THEORY - (Write theory specific to point; vague answers are not accepted)

What is CSV?
What are categorical variables and types?
What are numerical variables and types?

PERFORM OPERATION USING PYTHON ON CSV FILE (You can access CSV using the library) -

1. Identification of Categorical and Numerical Variables.
2. Contingency table of at most 2 different categorical variables.
3. Mean, Median, Mode, Variance, Standard Deviation, Quartile Range,
4. Show categorical variables.
   a. Show Binary data.
   b. Show Nominal data.
   c. Show Ordinal data.

(NOTE: DO NOT USE THE LIBRARY TO PERFORM OPERATIONS. USE USER-DEFINED FUNCTIONS)

CONCLUSION -(Write precise conclusion**)**