# **EXPERIMENT-9**

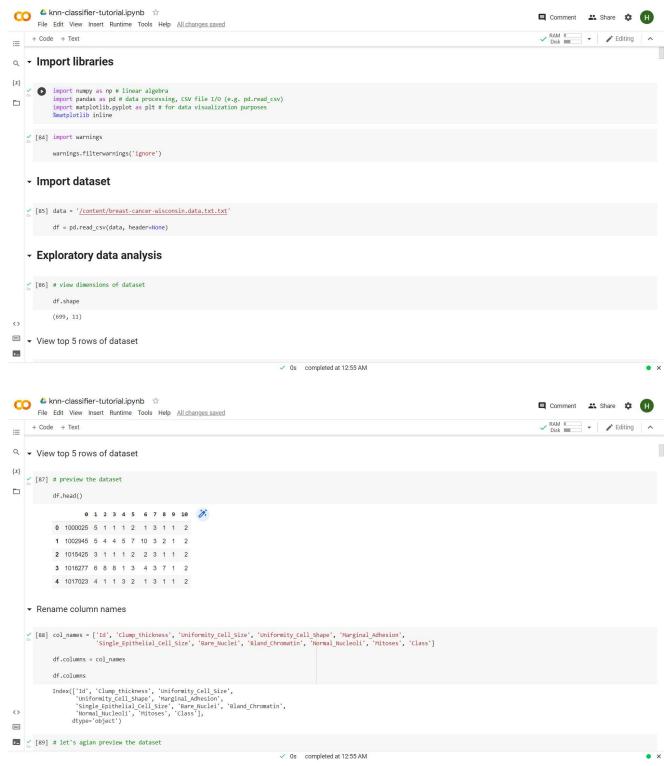
## **AIM**

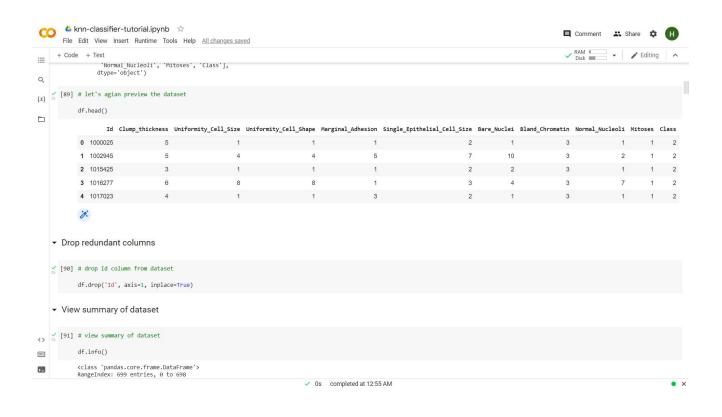
Implement a KNN based classification on a dataset.

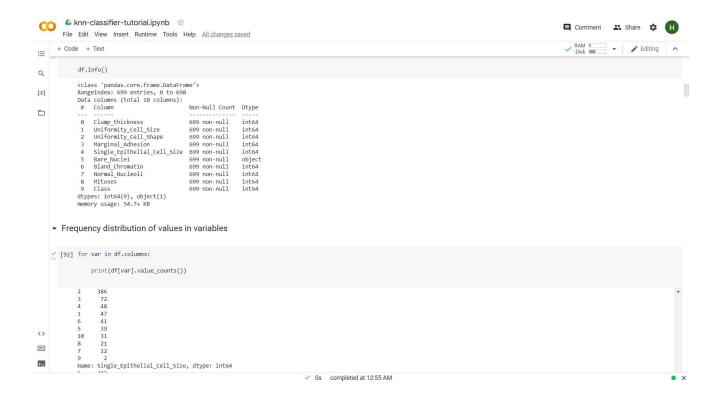
#### **SOFTWARE USED**

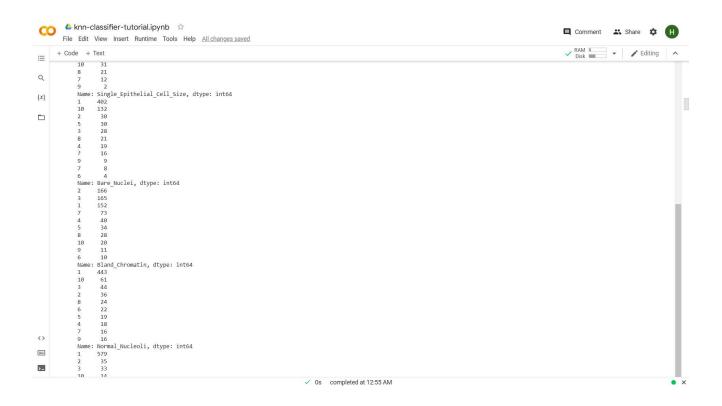
Google Colab Platform - Python Programming Language

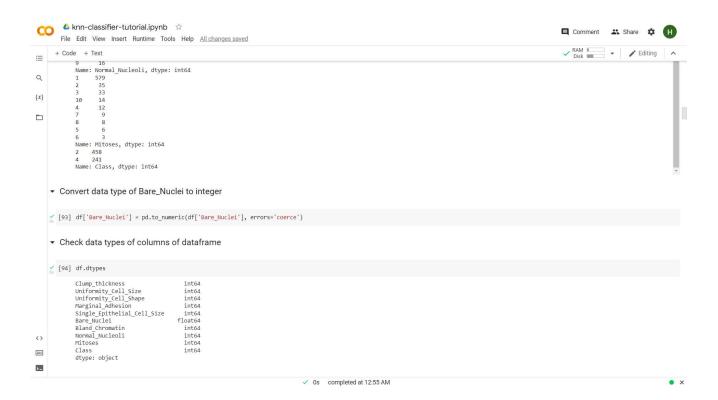
## PROGRAM CODE and OUTPUT

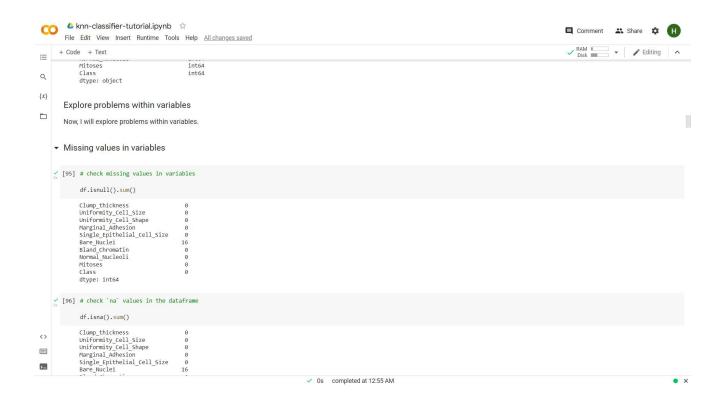


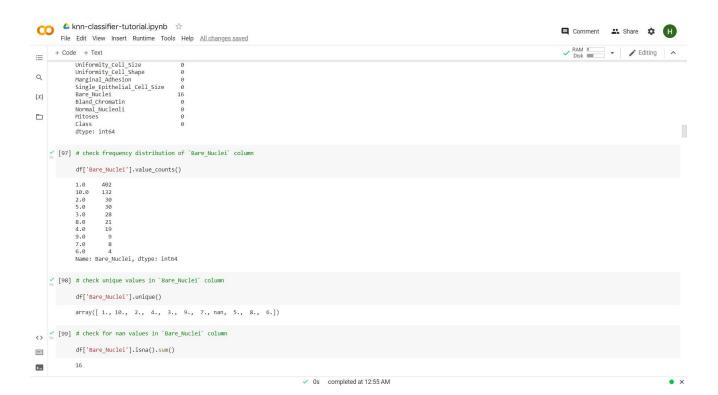


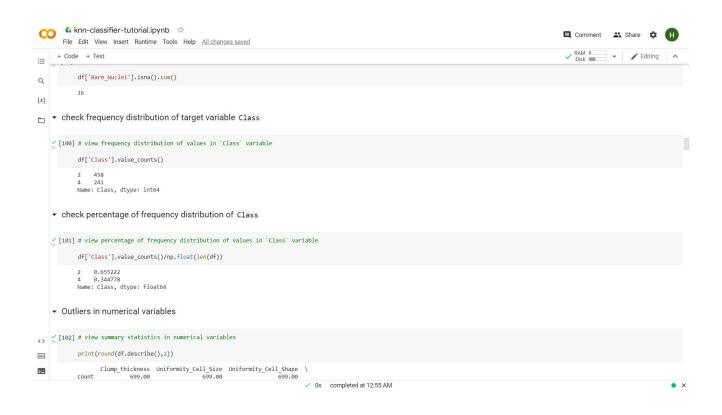


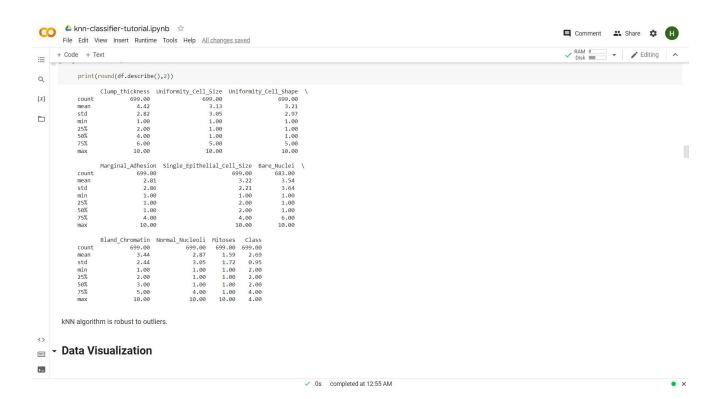


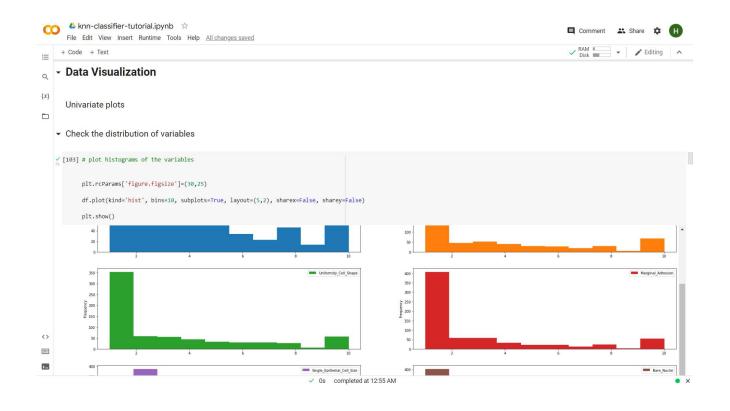


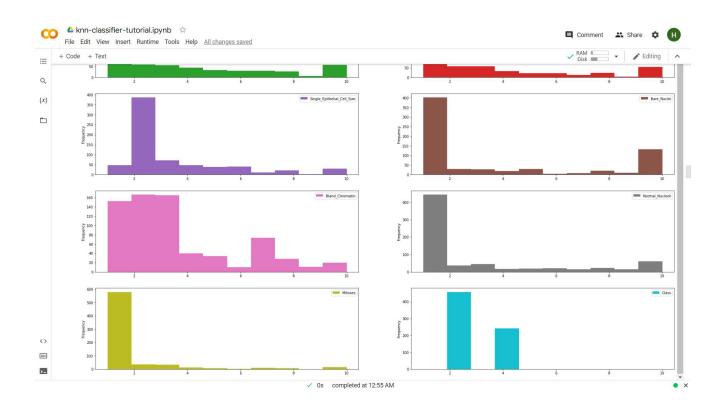


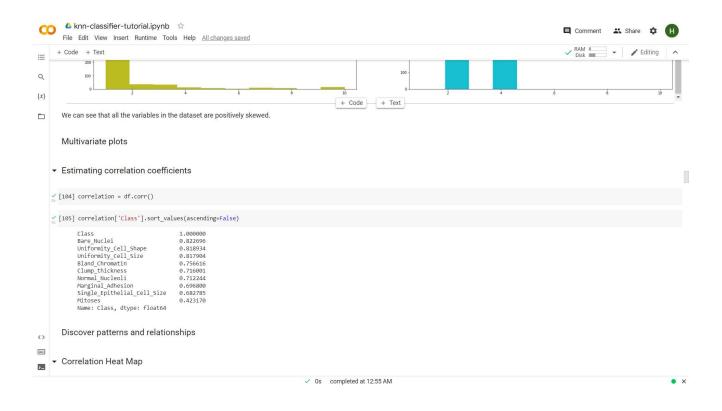


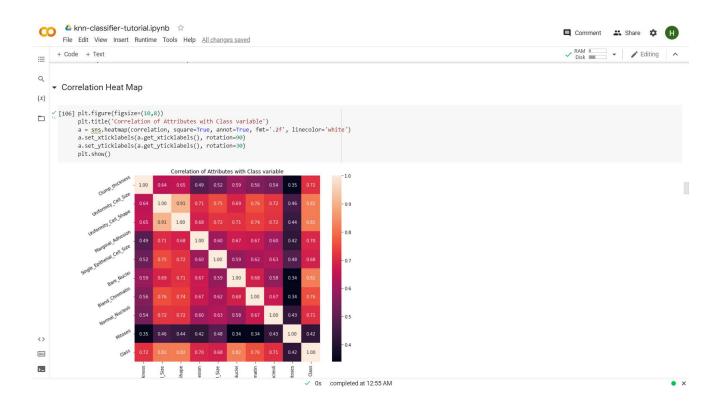


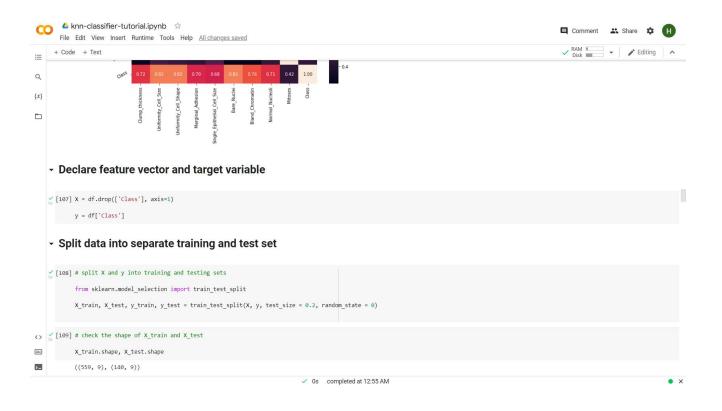


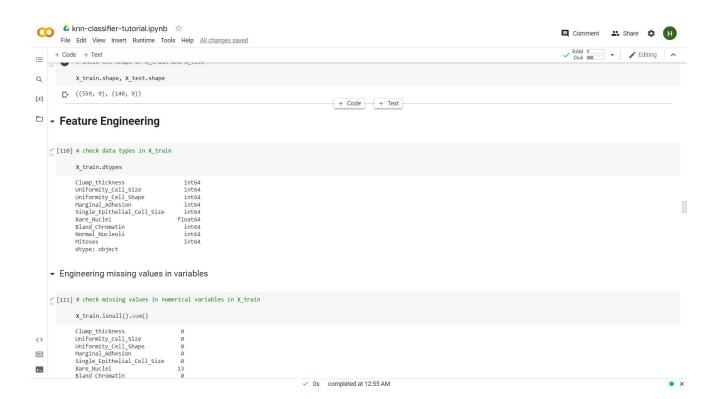


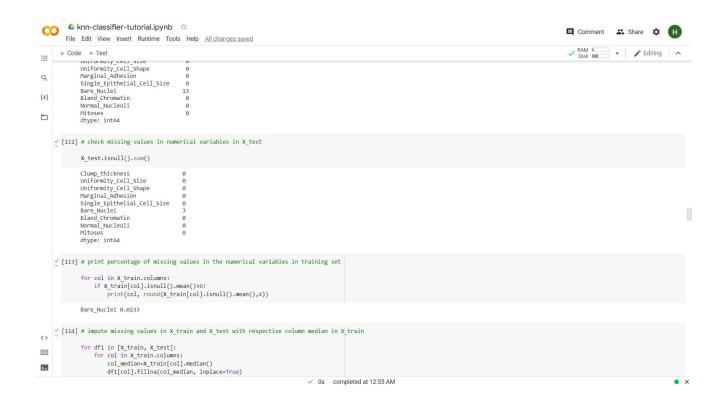


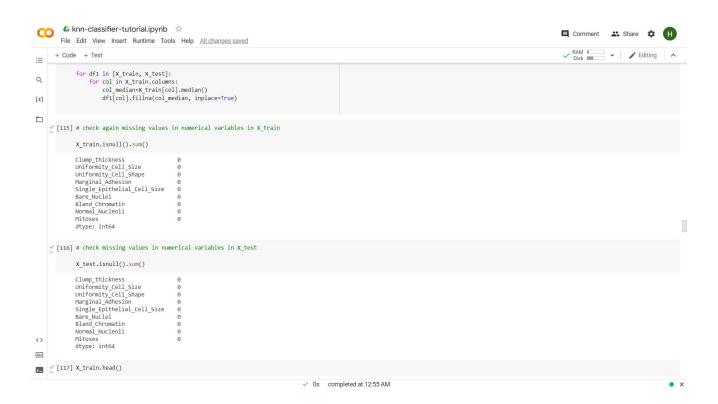


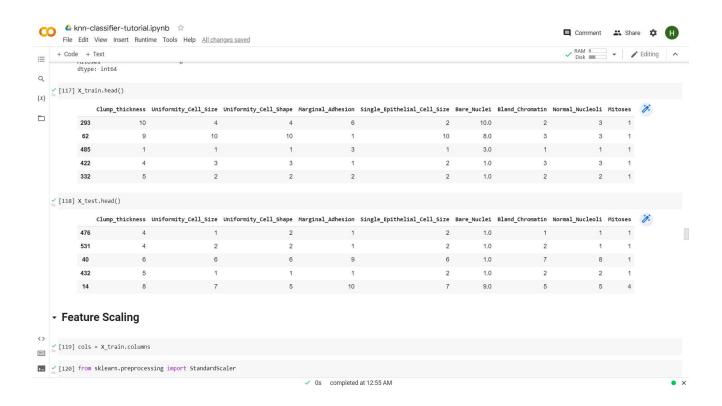


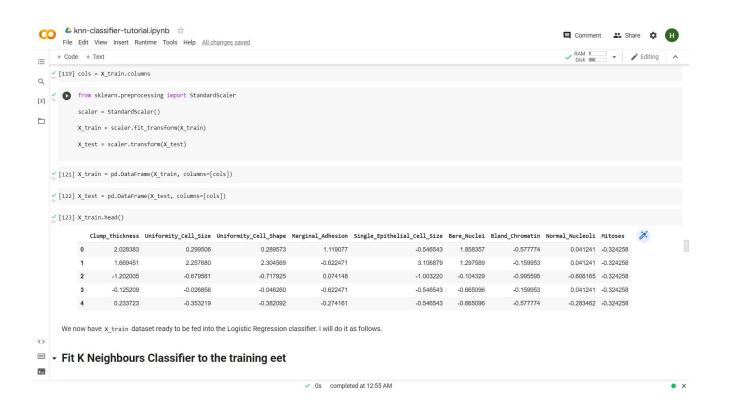


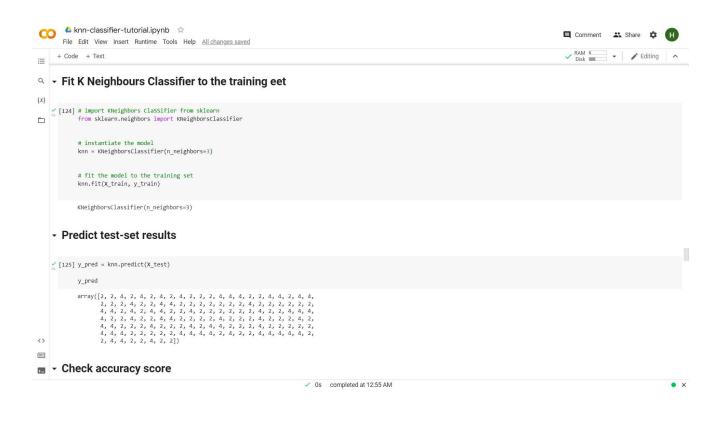


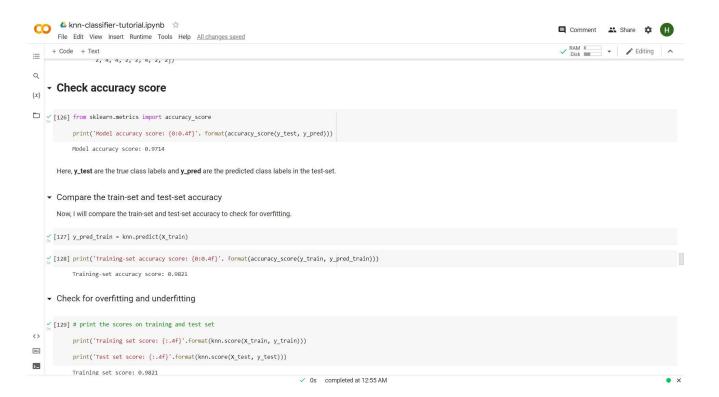


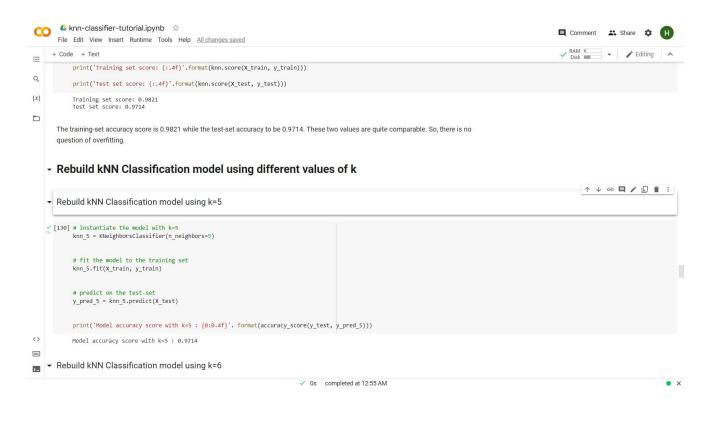


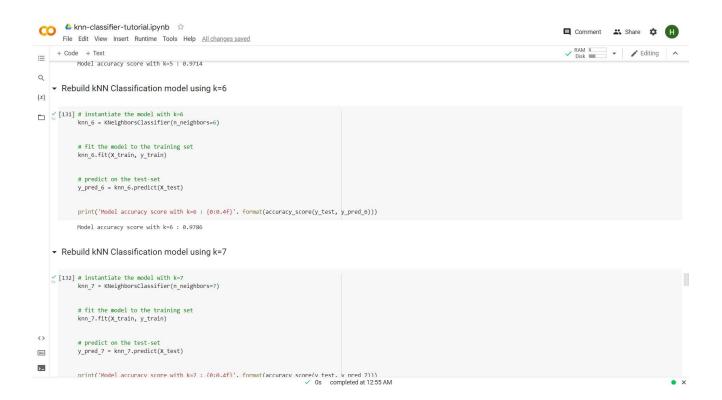


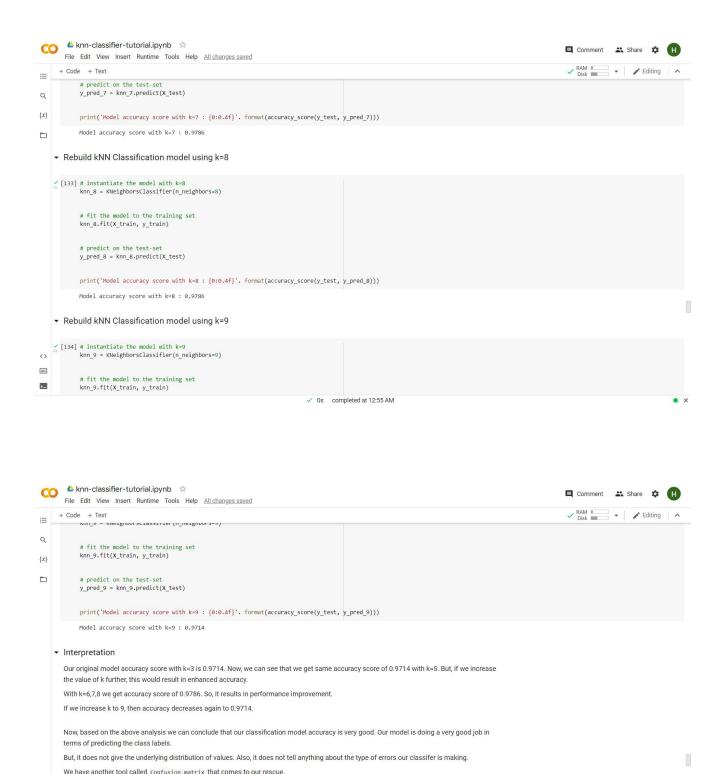












# **DISCUSSION and CONCLUSION**

The KNN based classification algorithm has been applied and executed successfully over a dataset.

CRITERIA	TOTAL MARKS	MARKS OBTAINED	COMMENTS
Concept (A)	2		
Implementation (B)	2		
Performance (C)	2		
Total	6		