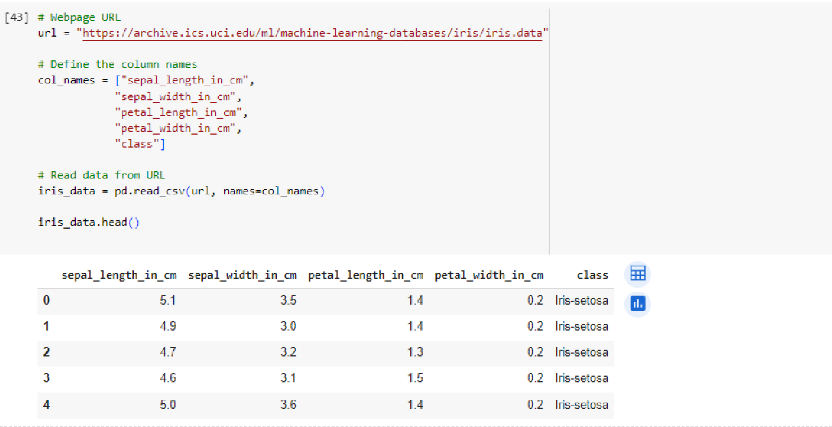
LAB-1

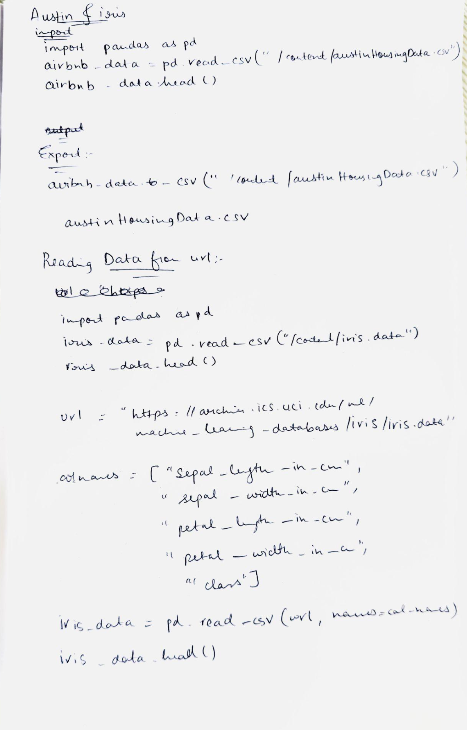








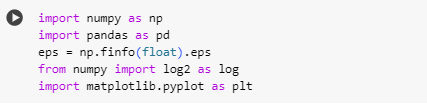
LAB NOTES

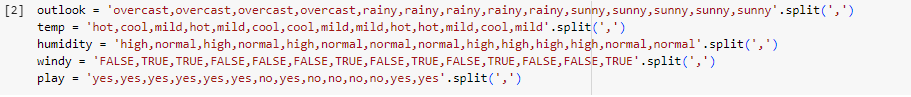


LAB-2

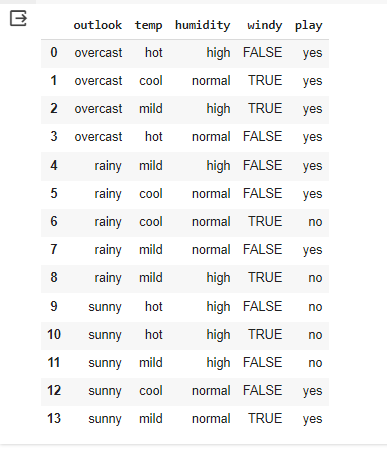
Use appropriate dataset to building the decision tree (ID3) and apply this knowledge to classify a new sample.

1. importing data set

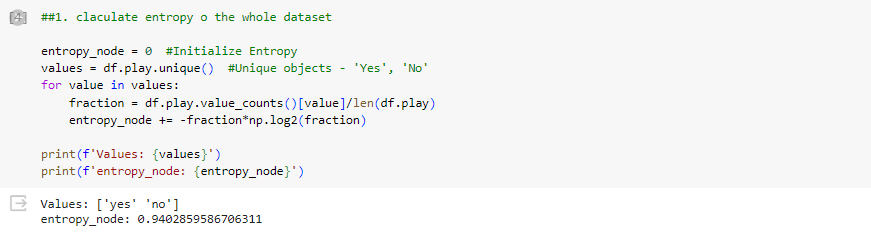


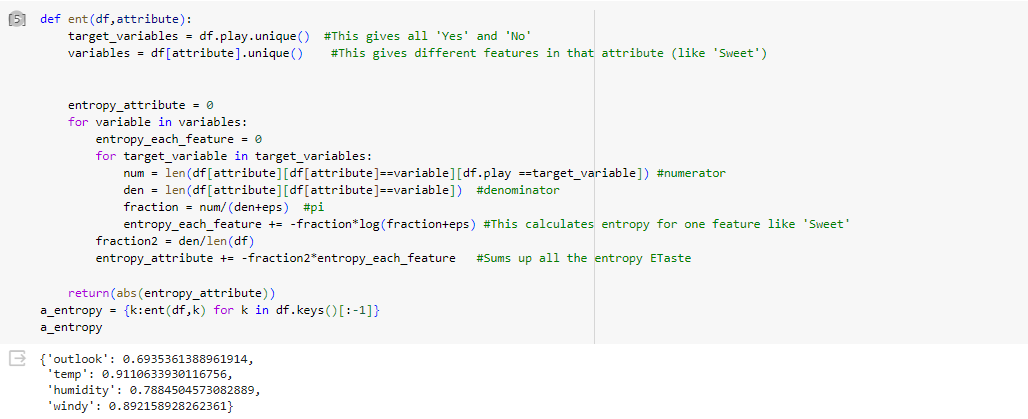




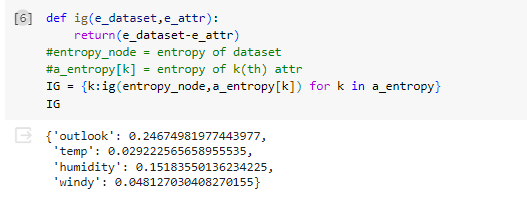


2)find the entropy

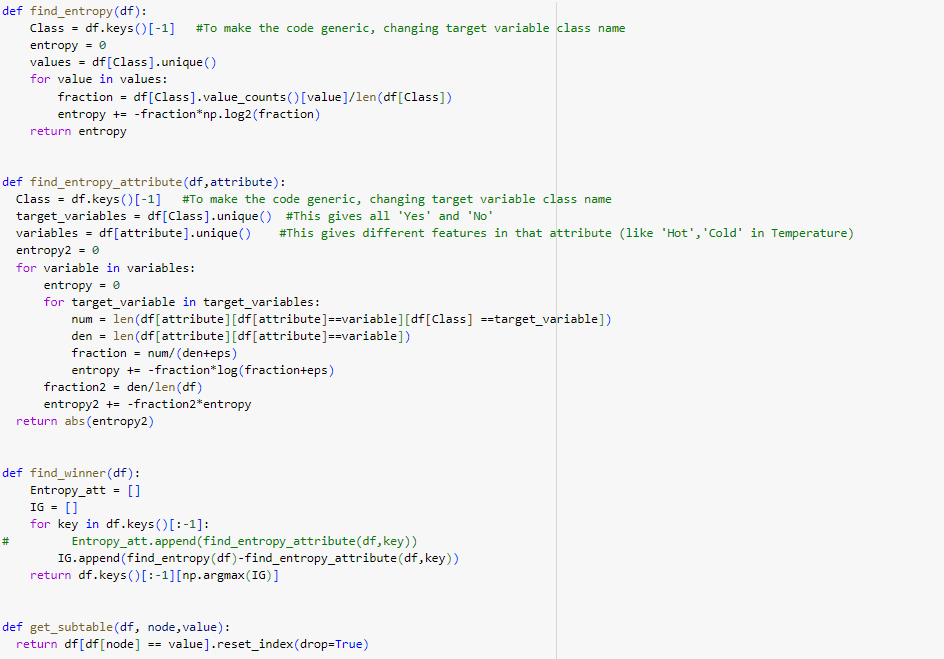




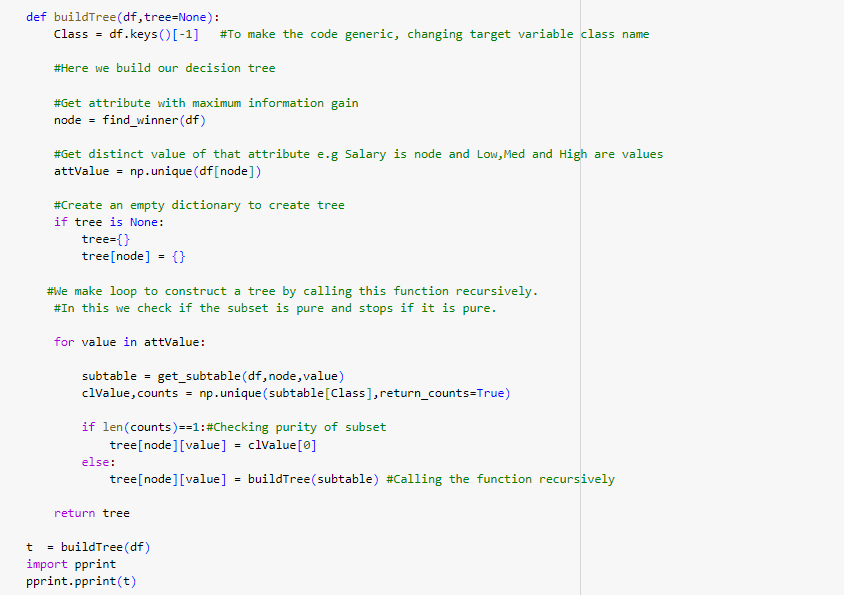
3)find the information gain



4)find the attribute with the max information gain



5)build the tree



Output:-

