MACHINE LEARNING – 2CS501

PRACTICAL 6

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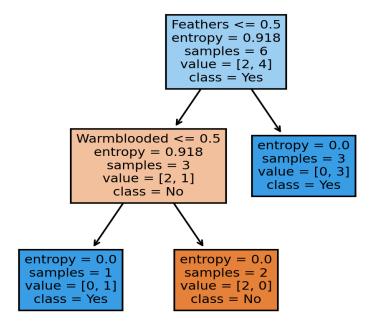
Roll No.: 19BCE023

Batch No.: A-1

1) Decision Tree - Layeggs

Code:

```
import matplotlib.pyplot as plt
pwnew = pd.DataFrame()
pwnew = pwnew.drop(columns=['Animal'])
print(classification report(y, y pred))
```



2) Decision Tree - Iris

Code:

```
import matplotlib.pyplot as plt
iris = datasets.load iris()
X, y = datasets.load iris(return X y=True)
print("\nPredictions:\n")
print(clf pred)
print("\nAccuracy:", metrics.accuracy score(y test, clf pred, normalize=True))
fig, axes = plt.subplots(nrows=1, ncols=1, figsize=(4, 4), dpi=300)
fig.savefig('Iris.png')
```

