Practical Data Science
(Ensemble Model Tuning)

Solve the following problems.

Problem1: A Third attempt at Predictive Analytics (Hack the ML algorithm)

Go through the following problem of kaggle:
https://www.kaggle.com/c/ghouls-goblins-and-ghosts-boo/data

Do the following tasks:

a. Apply model tuning of Bagged-Tree algorithm with different values for its parameters and build the model in the ideal range and findout CV error. Find out the test accuracy after submitting to kaggle.

b. Apply model tuning of RandomForest algorithm with different values for its parameters and build the model in the ideal range and findout CV error. Find out the test accuracy after submitting to kaggle.

c. Apply model tuning of ExtraTree algorithm with different values for its parameters and build the model in the ideal range and findout CV error. Find out the test accuracy after submitting to kaggle.