DA512 Homework 3
Due: March 24th, 2021

Finding best Classification method for leaf dataset.

Find best classification method and best parameters that predicts the species of given attributes for the following dataset.
(SUCourse → DA512 Course web page → Resources → datasets → leaf-dataset.zip).

Original link for the dataset:
 https://archive.ics.uci.edu/ml/machine-learning-databases/00288/

- You should try at least 3 classification methods.
- For each classification method find the best parameters by using cross validation (or train validation split.)
- After finding best method and parameter values, please create a table that shows all of your results as shown below (given values are not correct! :)

Method	Parameters	Accuracy
Random Forest Classifier	Param1=0.1 Param2 = 5 ….	0.0001
Gradient-Boosted Classifier	Param1=0.3 Param2 = 6 ….	0.0000000000002
….	….	….