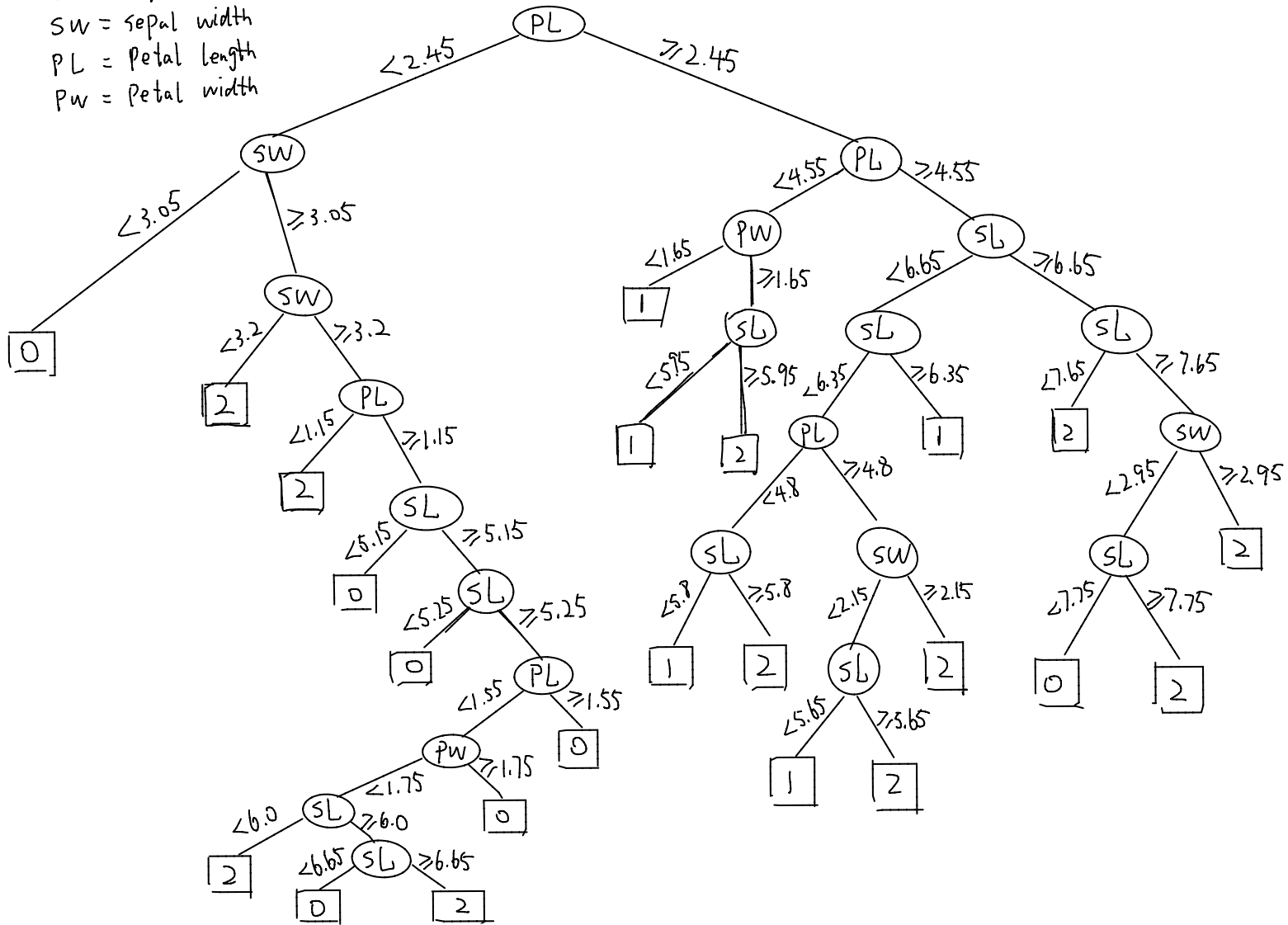
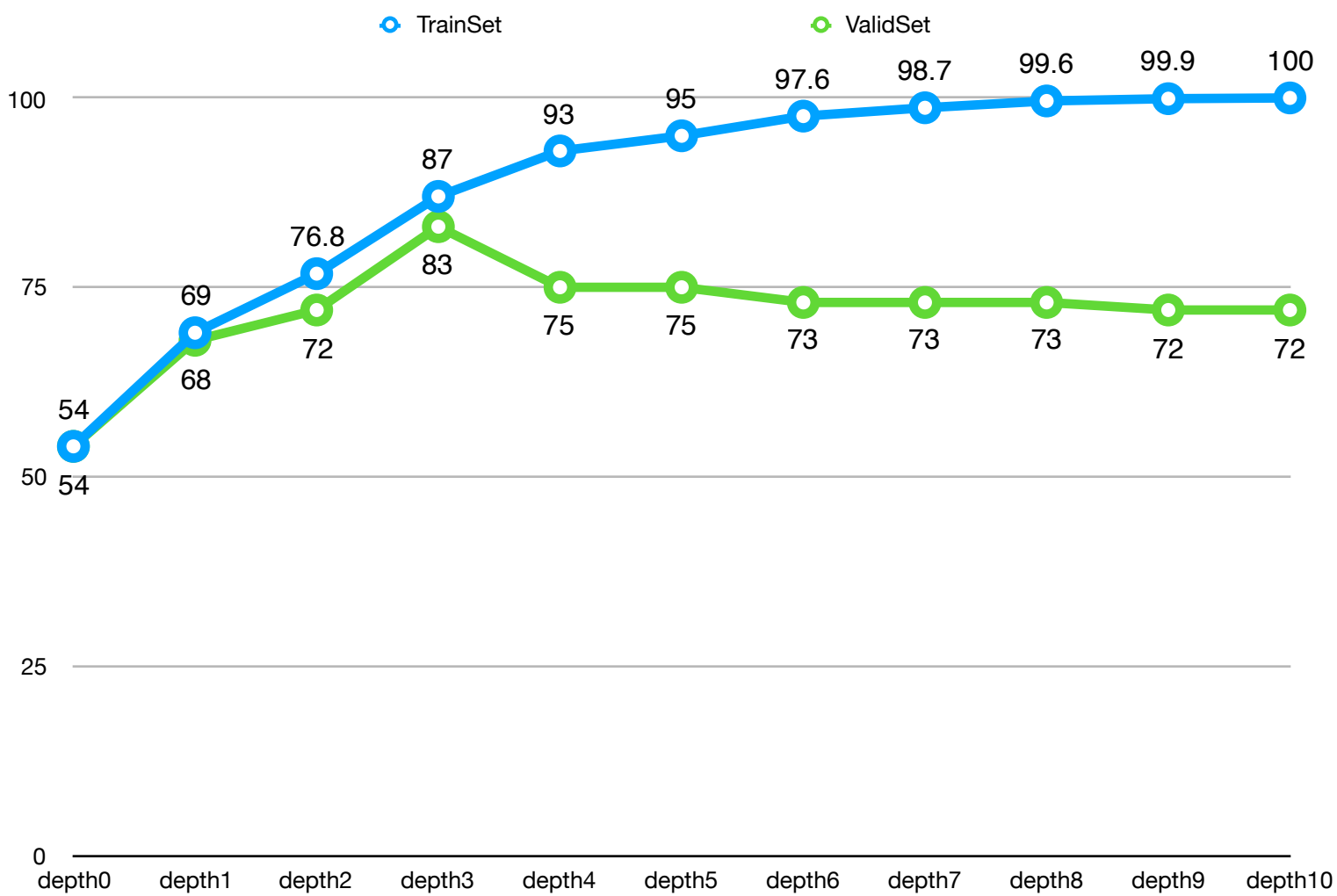


Q2.1

SL = sepal length
 SW = sepal width
 PL = Petal length
 PW = Petal width



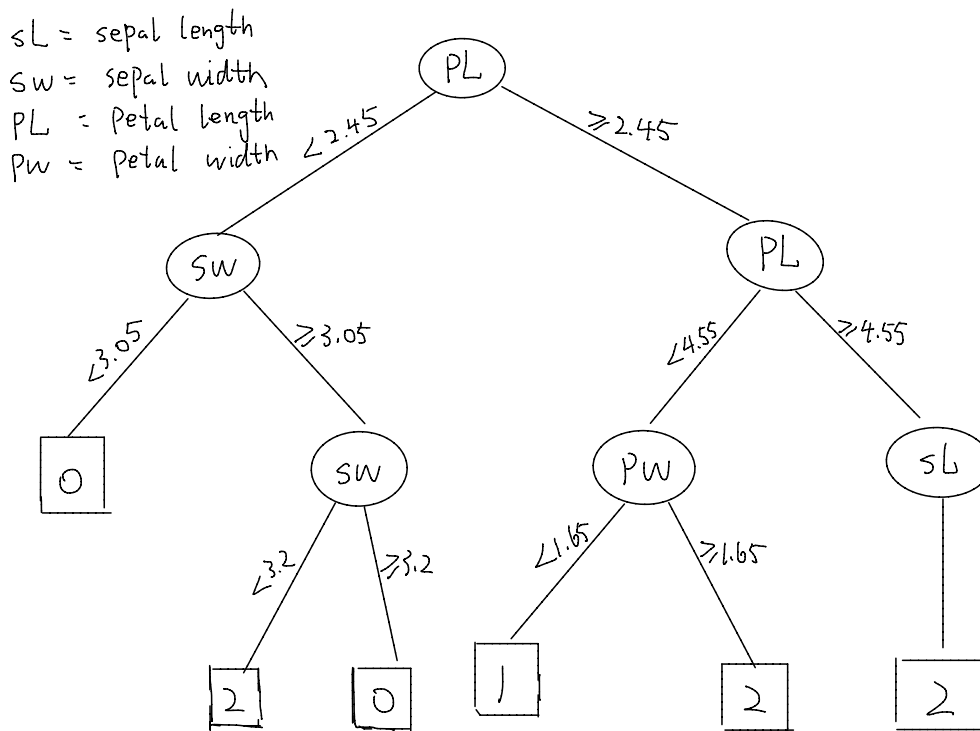
Q2.2



- What is the maximum depth of your decision tree that maximizes the average prediction accuracy of the generated tree on the validation set?

Ans: The depth 3 maximizes the average prediction accuracy of the generated tree on the validation set.

- Generate a decision tree with the best maximum depth using the entire data set A.



- What is the prediction accuracy of the decision tree with the best maximum depth on data set A?

Ans: 87%