1. What was the feature that my_decision_tree first split on while making the prediction for test_data[0]? 1 point

- ○ emp_length.4 years
- ◉ grade.A
- ◉ term. 36 months
- ○ home_ownership.MORTGAGE

2. What was the first feature that lead to a right split of test_data[0]? 1 point

- ○ emp_length.< 1 year
- ○ emp_length.10+ years
- ○ grade.B
- ◉ grade.D

3. What was the last feature split on before reaching a leaf node for test_data[0]? 1 point

- ◉ grade.D
- ○ grade.B
- ○ term. 36 months
- ○ grade.A

4. Rounded to 2nd decimal point (e.g. 0.76), what is the classification error of my_decision_tree on the test_data? 1 point

0.38

5. What is the feature that is used for the split at the root node? 1 point

- ○ grade.A
- ◉ term. 36 months
- ○ term. 60 months
- ○ home_ownership.OWN

6. What is the path of the first 3 feature splits considered along the left-most branch of my_decision_tree? 1 point

- (●) term. 36 months, grade.A, grade.B
- ( ) term. 36 months, grade.A, emp_length.4 years
- ( ) term. 36 months, grade.A, no third feature because second split resulted in leaf

7. What is the path of the first 3 feature splits considered along the right-most branch of my_decision_tree? 1 point

- ( ) term. 36 months, grade.D, grade.B
- ( ) term. 36 months, grade.D, home_ownership.OWN
- (●) term. 36 months, grade.D, no third feature because second split resulted in leaf