

## **SE 4367, Software Testing**

### **Homework #5, Equivalence Classes and Boundary Value Analysis**

- a) Given a black box description of the input to a program P1:  
integer X in [-10, -5] or [10, 15]  
what are the equivalence classes for X?
  
- b) Based on equivalence class partitioning, create a test set for P1.
  
- c) Based on boundary value analysis, create a test set for P1.

### Grading Rubric

Part a is worth 40 points.

Parts b and c are worth 30 points each.

Each component of a part is worth a proportional number of points for that part, e.g., if there are four equivalence classes, each is worth 10 points.

Missing the class, assignment, or your name at the beginning of your submission or in the filename, -5 points each