Comp 496ALG Instructors Test Cases for Project 2

Due: April 6

**TestCase A:** Run *SchedulerDriver2.java* as is. The SchedulerDriver2.java file is posted on Moodle. It contains the following testcase WITH ANSWERS. Your code should produce the same answers.

int[] length = { 7,4,2,5};  
int[] deadline = {7 ,16 ,8, 10};   
int[] profit = { 10, 9, 14, 13};

**TestCase B:** Modify *SchedulerDriver2.java* by replacing testcase A with the testcase below.

int[] length = { 2,3,1,10,7,4,2,5,7,7};  
int[] deadline = { 10,12, 9 ,22, 10, 4, 18, 15, 5, 9};   
int[] profit = { 2,5,13,28,9,14, 2, 7, 3, 10};

**TestCase C:** Modify *SchedulerDriver2.java* by replacing testcase A with the testcase below. Do not run the Brute Force O(n!) algorithm since this testcase has 25 jobs.

int[] length = { 2,3,1,10,7, 4,6,9,3,2, 5,2,5,7,7, 6,3,7,8,4, 5,2,9,10,5};

int[] deadline = { 10,12,15,8,10, 9,22,12,15,35, 29,32,45,41,13,  
 16,10,20,10,4, 18,15,5,9, 30};

int[] profit = { 2,5,13,28,8, 7,6,5,3,4, 9,7,6,9,14, 2,7,11,3,10,  
 8,5,9,10,3 };

**TURN IN: As part of your submission for Project 2, turn in labeled runs from testcases A, B and C. Indicate which of your methods are not working by having your program print a message: “Method <name> is incomplete”. Do not submit my SchedulerDriver2.java program.**