

**CSE 465/565**  
**Spring 2018**  
**Homework #6**  
**100 points**

*Instructions: For this homework, you will work in teams. Make sure that each team member does a fair amount of work and students not developing the solution to a problem will verify and validate the solution proposed by their peers. Only one member of each team needs to make the Canvas submission.*

*For question 2-9, provide a single PDF file (titled hw6.pdf) with your answers. The problem numbers from the textbook match both the 11<sup>th</sup> and 10<sup>th</sup> editions. For each exercise, you will see the points in parenthesis (same number of points for undergraduate and graduate students). You can include good quality, readable pictures of your hand-written solutions in the hw6.pdf file.*

1. (5) Log into [https://miamioh.qualtrics.com/jfe/form/SV\\_6Ycxco3MY1U5QDH](https://miamioh.qualtrics.com/jfe/form/SV_6Ycxco3MY1U5QDH) and take the post-semester outcome survey. Take the survey by Friday, May 11, the latest. Please make sure to enter your uniqueID. The survey is anonymous, in that I am unable to view your answers. However, I will know if you have completed the survey.
2. (20) Chapter 10, problem set 1.
3. (15) Chapter 3 problem set 2a.
4. (10) Chapter 3 problem set 3.
5. (10) Chapter 3 problem set 7a.
6. (10) Chapter 3 problem set 11ab.
7. (10) Chapter 3 problem set 17.
8. (15) Using the BNF description of the syntax of Pascal given at:

<http://condor.depaul.edu/ichu/csc447/notes/wk2/pascal.html>

write the shortest Pascal **case statement** (shortest in terms of the number of tokens).

9. (5) In the file hw6.pdf, write a short summary of the contributions of each team member for each problem in this homework assignment. Specify if members participated in the initial development of the solution vs. verification & validation.