**Introduction to Computer Science**

**Homework 8**

**沙行勉教授**

**Due Date: 星期三，Dec. 5, 2018**

**Do not copy others, or you will get punished. If you allow other students to copy your report, you will be punished as well. In the homework, you will get more experience in programming. Good for you. 但是，对于编程题，我希望有基础的人能多帮助其他同学，帮助他们debug, 但是不要让他们抄袭。好吗？**

**PUT DOWN YOUR NAME and EMAIL ADDRESS IN YOUR REPORT.** tThe Filename of your report should be HOMEWORK N\_your name\_your Student ID\_Teacher’s last name (Sha or Zhang), where N is the homework number, for example, *1\_XiaoMing\_2018XXXX\_Sha*. Then send your report to the TA of your class. 注意，两班的TA不一样，千万不要送错了。**你可以用中文来回答问题。**

**请同学阅读书本的第四章。关于小乌龟画图，同学可以看编程导论第七章。**

1. **（每题5 points）Let ID=your student ID. Then, let k=ID %2. So k can be 0 or 1. Based on the value of your ID, you get value of k. Please tell us your k value.**

**If k==0: 做习题 4.2.4，4.2.6， 4.2.8， 4.2.10， 4.2.12， 4.2.14， 4.5.2, 4.5.4**

**If k==1: 做习题 4.2.5， 4.2.7， 4.2.9， 4.2.11， 4.2.13， 4.2.15, 4.5.3, 4.5.5**

**2.、（30 points）This programming assignment can be done by you alone or a group of two students. 写下合作同学的名字。程序练习题4.8.1, 4.8.2, 4.8.3**

**3、（30 points）This programming assignment can be done by you alone or a group of two students. 写下合作同学的名字。习题4.3， 4.6**