

## **SI@UCF Intro Programming**

### **Homework Assignment: Lunch**

Your parents have given you some money for lunch for the week. It's Monday (beginning of the week) and you want to decide how much to spend. You've decided that you don't want to spend more than 20% of your total budget, since you want to have at least as much money per day for lunch on all future meals.

But you realize that there's no need to spend for than \$8.00 for lunch because your favorite lunch item costs exactly \$8.00, so if 20% of your total money is greater than \$8, you will just spend \$8.00 and save the rest of the allocated money.

Write a program that reads in the amount of money your parents gave you and prints out how much you will spend on lunch that first day.

#### **Sample 1: Input and Output**

How much money did your parents give you for lunch?

**30.00**

You will spend \$6.00 for lunch on Monday.

#### **Sample 2: Input and Output**

How much money did your parents give you for lunch?

**50.00**

You will spend \$8.00 for lunch on Monday.