1. Convert the following set of instructions to Python code. Be sure to define the appropriate variables.
   - Store 20 in the speed variable.
   - Store 10 in the time variable.
   - Multiply speed by time and store the result in the distance variable.
   - Display the contents of the distance variable.

2. Convert the following set of instructions to Python code. Be sure to define the appropriate variables.
   - Store 172.5 in the force variable.
   - Store 27.5 in the area variable.
   - Divide force by area and store the result in the pressure variable.
   - Display the contents of the pressure variable.

3. The East Coast sales division of a company generates 62 percent of total sales. Based on that percentage, write a program that will predict how much the East Coast division will generate if the company has $4.6 million in sales this year. Print your prediction.

4. Write a program that computes the tax and tip on a restaurant bill for a patron with a $44.50 meal charge. The tax should be 6.75 percent of the meal cost. The tip should be 15 percent of the total after adding the tax. Display the meal cost, tax amount, tip amount, and total bill on the screen.

**Submission rules:**
You must have a separate .py file for each question.
- You must name the files with the following format similar to:
  JoelKemp-p1.py, JoelKemp-p2.py, etc.

In comments at the top of each of your files, please fill in the following information:

```python
# Author: __________
# File: __________.py
# Hwk #: ___
```