

## COP 3223 Program #1: Hello, Frozen Dinner Budget

### Program A: Hello World (helloedit.py)

The typical first python program is to print out a single line that outputs "Hello World!". Edit this program so that it prints out a message of your choosing. Please choose an appropriate message, but don't be afraid to be humorous!

### Program B: Frozen Dinner Budget (dinner.py)

Arup's wife works out two days a week, thus, he must go home early on those days. Similarly, Friday usually involves family plans, so he must go home early on that day as well. This leaves two days a week where Arup can stay late and tape videos for COP 3223!!!

Unfortunately, this means that he has to buy some frozen dinners to eat at work. Write a program to help him calculate how much he will spend on these frozen dinners!

Use the following constant at the top of your program:

```
SALES_TAX = .065
DINNERS_PER_WEEK = 2
```

Prompt the user to enter how weeks of frozen dinners he/she would like to buy, as well as the cost of a single dinner (without tax). Calculate the total cost of the dinners, with tax. Don't worry about how many digits print after the decimal. Any answer within a penny of the correct answer will be counted as correct.

### Sample Program Run (User Input in Bold and Italics)

```
What is the cost of one frozen dinner?
```

```
3.99
```

```
For how many weeks do you need frozen dinners?
```

```
16
```

```
You will spend 135.9792 dollars on frozen dinners.
```

### Deliverables

Please submit two separate .py files for your solutions to these problems via WebCourses by the designated due date:

Program A: **helloedit.py**

Program B: **dinner.py**