Computer Programming Using Python 3.3 - **Console 10 - Exceptions**

**GOAL: Write a program that can crash due to an unforeseen situation; handle the problem using exceptions.**

* **Open IDLE, File, New Window, File, Save As, console10exceptions.py**
* **Type the following FAULTY code:**



**So, what is wrong with this code?**

**Try Run, Run Module, then tell it how many slices (4 to 8).**

**Run, Run Module again. Now try typing 0**

**To fix the horrible crash that occurs when you follow the instructions above, you can use exceptions. Change the code to the following:**



**Run, Run Module again. Now try typing 0**

**If it worked, it should say that there was an Unexpected error, instead of crashing.**

**But, your customer who bought your cake calculator software is upset—they say that you may not have programmed it right because something unexpected happened. Make your program expect a division by zero to be a problem, by handling the ZeroDivisionError exception separately:**



**Run, Run Module again. Now try typing 0**

**If it worked, it should give the user the “Sorry” message above, instead of Unexpected error.**