# Assignment 11 - Pizza GUI (Extra Credit)

#### Goals

- Practice creating GUIs
- Practice adding and using widgets
- Practice creating event handlers
- Practice creating encapsulated GUI classes

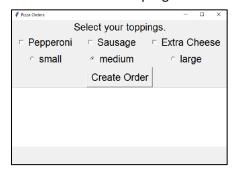
### Requirements

Create a GUI that allows users to order a pizza by making certain selections. Your program must perform the following:

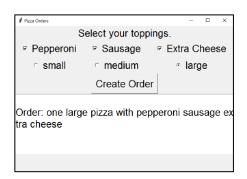
- Start by creating a class that inherits from Frame
- In the constructor, do the following:
  - Add the following widgets, following the grid layout in the sample output:
    - Label
    - Three Checkbuttons (representing each pizza topping)
    - Three Radiobuttons (representing each possible pizza size)
    - Button (for creating a pizza order)
    - Large Text field (not an Entry)
  - Create any necessary BooleanVar or StringVar to read values from the Radiobuttons and Checkbuttons.
  - o Link the **Button** to an event handler method (see below).
  - Disable the **Text** field so the user cannot modify the text.
- Also within the class, define a method called displayOrder. This will act as the event handler for the button when it is clicked. The method will perform the following actions:
  - Read and store the pizza topping choices from the corresponding Checkbuttons
  - Read and store the user's size preference from the corresponding
     Radiobuttons
  - Enable the Text field
  - Clear the Text field
  - Display the pizza order in the Text field
  - Disable the Text field
  - o Reset the form (i.e. clear all the checkboxes and set a default pizza size)

### **Sample Output**

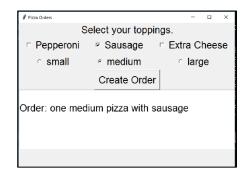
#### Default state of program



#### Example order #1



#### Example order #2



#### **Deliverables and Submission Instructions**

• Create a folder on your computer called

ITP115\_a#\_lastname\_firstname
(replace # with this lab number)

- Inside the folder, include your python source code
- Compress the folder (make a zip file) called

ITP115\_a#\_lastname\_firstname.zip
(replace # with this assignment number)

• Upload zip file to Blackboard site for our course

## **Grading**

Item	Points
Pizza GUI	6
Total*	6

<sup>\*</sup> Points will be deducted for poor code style, or improper submission.