Programmer: Andrew Dwyer

Date: 3/4/22

Program Name: dinner\_bill.py

Import modules

Define main

While True:

Call get\_appetizer\_info

Call get\_entre\_info

Call get\_dessert\_info

Add the costs returned from the above functions

Display the total cost to the user

Check if the user wants to exit the program or repeat the calculations

Break the loop if the user has chosen so

Define get\_appetizer\_info

Call get\_num\_diners

Call get\_cost

Call the appetizer module to calculate the total cost

Return the total cost for appetizers

Define get\_entre\_info

Call get\_num\_diners

Call get\_cost

Call the entre module to calculate the total cost

Return the total cost for entrees

Define get\_dessert\_info

Call get\_num\_diners

Call get\_cost

Call the dessert module to calculate the total cost

Return the total cost for desserts

Define get\_num\_diners:

Get the number of diners for a part of a meal

Check that the value entered is valid

Handle any exceptions

Return the number of diners

Define get\_cost:

Get the cost of a part of a meal

Check that the value entered is valid

Handle any exceptions

Return the cost

Call main to run the program if the file is not imported as a module