

## Graphical User Interface (GUI)

Using Python's tkinter Graphical User Interface (GUI) module create a Python program to input the number of each type of coin a user has in their possession and then compute and display the total dollar and cents value of these coins. Your solution must accommodate Quarter, Dime, Nickel, and Penny coins. Include Half-dollar and Dollar coins as well. Your solution must be robust against invalid inputs (i.e., negative value entered into any coin entry widget). One possible design of your GUI is shown below.

Change Counter	
Enter the number of each coin type and hit, Compute:	
Quarters: <input type="text"/>	Quarter value: \$ <input type="text" value="0.00"/>
Dimes: <input type="text"/>	Dime value: \$ <input type="text" value="0.00"/>
Nickels: <input type="text"/>	Nickel value: \$ <input type="text" value="0.00"/>
Pennies: <input type="text"/>	Penny value: \$ <input type="text" value="0.00"/>
<input type="button" value="Compute"/>	Total Change value: \$ <input type="text" value="00.00"/>

Submit your program and your program output to the class backboard. Please include at least three output displays with different test values.