

Graphical User Interface (GUI)

Please see the question below and write a program and create a class called *Coin*.

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"/>

Write a Report Summary

Using Microsoft Word, answer the following eight questions.

1. Did you complete your assignment and did it run without errors?
2. Did your program produce the correct result?
3. Did you test your program thoroughly?
4. How much time did you spend to complete your assignment?
5. Did you write the program yourself? Did you get any help from anyone?
6. When you encountered obstacles to complete your program, how did you resolve the issues? Did you use Google to get help? Describe how Google was able or not able to assist you?
7. What did you learn from doing this assignment?
8. Any other information you would like to share with your instructor?

What to submit (you may zip all files)

1. Submit all your program files (.py file)
2. Submit your program output, showing multiple test-run
3. Submit your learning report summary