

Test Table

I. Success Criteria:

- The program successfully prompts the user for an input.
- The program successfully rounds the input to the nearest tenth.
- The program successfully converts the input to cents and an integer.
- The program demands a numerical input if it encounters an error value.
- If the input is less than or equal to 0, the program demands a valid input.
- The program will repeatedly prompt the user for valid input if it's invalid.
- The program calculates the correct number of quarters.
- The program calculates the correct number of dimes.
- The program calculates the correct number of nickels.
- The program calculates the correct number of pennies.
- The program calculates the correct sum of all the coins.
- *Integrated with all features: The program successfully prints the sum concatenated with a string.*

II. Test Tables:

- The program successfully prompts the user for an input.

Note: Any decimal after the input will be ignored and the number will be rounded to the nearest one.

Input	Expected Output	Real Output	Passed?
0.20	0.20	0.2	Yes
12402305	12402305	12402305.0	Yes
-28	-28	-28.0	Yes
0	0	0.0	Yes
hi	Value Error	ValueError	Yes

- The program successfully rounds the input to the nearest tenth.

Input	Expected Output	Real Output	Passed?
0.215	0.21	0.21	Yes
0.2384	0.24	0.24	Yes
0.352	0.35	0.35	Yes
0	0	0.0	Yes
hi	ValueError	ValueError	Yes

- The program successfully converts the rounded value into cents and an integer

Input	Expected Output	Real Output	Passed?
0.72	72	72	Yes
5632	563200	563200	Yes
5	500	500	Yes
-28	-2800	-2800	Yes
5.28	528	528	Yes
0	0	0	Yes
hi	Value Error	ValueError	Yes

- The program demands a numerical input if it encounters an error value.

Input	Expected Output	Real Output	Passed?
hi	"Please input a numerical value"	Same	Yes
32	3200	Same	Yes
22.4284	2243	2243	Yes
!!!!	"Please input a numerical value"	Same	Yes
True	"Please input a numerical value"	Same	Yes

- If the input is less than or equal to 0, the program demands a valid input.

Input	Expected Output	Real Output	Passed?
-21000	"Please input a value that is greater than 0"	"Please input a value that is greater than 0"	Yes
-5	"Please input a value that is greater than 0"	"Please input a value that is greater than 0"	Yes
-0.220	"Please input a value that is greater than 0"	"Please input a value that is greater than 0"	Yes
0	"Please input a value that is greater than 0"	"Please input a value that is greater than 0"	Yes

- The program will repeatedly prompt the user for valid input if it's invalid.

Input	Expected Output	Real Output	Passed?
-2148	"How much change is owed?: "	"How much change is owed?: "	Yes
-5	"How much change is owed?: "	"How much change is owed?: "	Yes
hi	"How much change is owed?: "	"How much change is owed?: "	Yes
o	"How much change is owed?: "	"How much change is owed?: "	Yes
0.75	75	75	Yes

- The program calculates the correct number of quarters.

Input	Expected Output	Real Output	Passed?
0.56	2	2	Yes
2.48	9	9	Yes
12.56	50	50	Yes
0.75	3	3	Yes
15	60	60	Yes

- The program calculates the correct number of dimes.

Input	Expected Output	Real Output	Passed?
0.82	0	0	Yes
4.15	1	1	Yes
12.45	2	2	Yes
1.20	2	2	Yes
10	40	40	Yes
7.80	3	3	Yes

- The program calculates the correct number of nickels.

Input	Expected Output	Real Output	Passed?
0.14	0	0	Yes
1.30	1	1	Yes
5.18	1	1	Yes
12.40	1	1	Yes
8	32	32	Yes
5.2	2	2	Yes

- The program calculates the correct number of pennies.

Input	Expected Output	Real Output	Passed?
0.48	3	3	Yes
3.29	4	4	Yes
12.56	1	1	Yes
6.12	2	2	Yes
4	16	16	Yes
7.25	0	0	Yes

- The program calculates the correct sum of all the coins.

Input	Expected Output	Real Output	Passed?
0.56	4	4	Yes
2.72	14	14	Yes
5.68	27	27	Yes
56.15	226	226	Yes
4.82	22	22	Yes

- *The program successfully prints the sum concatenated with a string.*

Input	Expected Output	Real Output	Passed?
0.86	5	5	Yes
8.25	33	33	Yes
15.28	64	64	Yes
4.34	22	22	Yes
0	"How much change is owed?: "	"How much change is owed?: "	Yes
-0.58	"How much change is owed?: "	"How much change is owed?: "	Yes
-22	"How much change is owed?: "	"How much change is owed?: "	Yes
Hello	"How much change is owed?: "	"How much change is owed?: "	Yes
True	"How much change is owed?: "	"How much change is owed?: "	Yes