CS589 : Software Testing Analysis
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**Project Report** 

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#### Introduction:

The basic goal of this project is to design test cases for class and model based testing. The EFSM and Java Source code has been provided and based on them I am performing transition pair, multiple condition testing and ghost transition testing. This project will give me a perfect way to implement the knowledge which we got in CS 589 class.

#### **Model Based Testing:**

#### **Transition Pair Testing:**

In transition pair testing all transition pairs must be traversed at least once. The pair are constructed between input and output actions for each state.

#### State Idle:

Input- T1, T2, T3, T4, T6, T8, T9, T10, T11, T12, T13, T14, T15

Output- T2, T3, T4, T5, T6, T7

#### **State Coins Inserted:**

**Input-** T7, T19, T23, T21, T20

Output- T10, T11, T12, T20, T21, T19, T22, T25, T24

#### State Sugar:

**Input**- T22, T16, T17, T18

Output- T23, T13, T14, T15, T16, T17, T18, T27, T26

## State No Small Cups:

Input- T25, T27, T28

**Output-** T9, T28

## State no large cups:

**Input-** T24, T26, T29

**Output-** T8, T29

## Transition Pairs State Idle

T1, T2	Test #20
T1, T3	Test #21
T1, T4	Test #1
T1, T5	Test #22
T1, T6	NA
T1, T7	NA
T2, T2	Test #20
T2, T3	Test #20
T2, T4	Test #21
T2, T5	Test #23
T2, T6	Test #24
	Test #1
T3, T2	Test #21
T3, T3	Test #21
T3, T4	Test #20
T3, T5	Test #25
T3, T6	Test #26
T3, T7	Test #3
T4, T2	Test #2
T4, T3	Test #3
T4, T4	Test #27
T4, T5	Test #28
T4, T6	Test #27
T4, T7	Test #20
T6, T2	Test #29
T6, T3	Test #29
T6, T4	Test #29
T6, T5	Test #24
T6, T6	Test #24
T6, T7	Test #4
T8, T2	Test #30
T8, T3	Test #14
T8, T4	Test #31
T8, T5	Test #5
T8, T6	Test #33
T8, T7	Test #32
T9. T2	Test #11
T9, T2 T9, T3	Test #34
T9, T4	Test #35
T9, T5	Test #6
T9, T6	Test #8
T9, T7	Test #37
T10, T2	Test #37
T10, T3	Test #32
T10, T4	Test #38
T10, T5	Test #4
T10, T6	Test #38
T10, T7	Test #12
1 T11 T7	Test #13

T11, T3	Test #38
T11, T4	Test #38
T11, T5	Test #3
T11, T6	Test #38
T11, T7	Test #10
T12, T2	Test #39
T12, T3	Test #39
T12, T4	Test #39
T12, T5	Test #1
T12, T6	Test #39
T12, T7	Test #39
T13, T2	Test #40
T13, T3	Test #16
T13, T4	Test #40
T13, T5	Test #40
T13, T6	Test #40
T13, T7	Test #15
T14, T2	Test #41
T14, T3	Test #41
T14, T4	Test #41
T14, T5	Test #16
T14, T6	Test #41
T14, T7	Test #15
T15, T2	Test #15
T15, T3	Test #21
T15, T4	Test #42
T15, T5	Test #20
T15, T6	Test #4
T15, T7	Test #16

Transition Pair (T1, T6) and (T1, T7) is not executable because to execute T7 we first need to set price which will set the value of variable price

### **State Coins Inserted:**

T7, T10	Test #4
T7, T11	NA
T7, T12	NA
T7, T20	Test #2
T7, T21	Test #7
T7, T19	Test #1
T7, T22	Test #4
T7, T25	NA
T7, T24	NA
T19, T10	Test #8
T19, T11	NA
T19, T12	Test #1
T19, T20	Test #8
T19, T21	Test #8
T19, T19	Test #8
T19, T22	Test #8
T19, T25	NA
T19, T24	Test #5

T23, T10	Test #10
T23, T11	Test #10
T23, T12	Test #9
T23, T20	Test #9
T23, T21	Test #10
T23, T19	Test #8
T23, T22	Test #11
T23, T25	Test #11
T23, T24	Test #11
T21, T10	Test #12
T21, T11	Test #3
T21, T12	NA
T21, T20	Test #12
T21, T21	Test #12
T21, T19	Test #8
T21, T22	Test #10
T21, T25	Test #7
T21, T24	NA
T20, T10	Test #12
T20, T11	Test #13
T20, T12	Test #13
T20, T20	Test #12
T20, T21	Test #3
T20, T19	Test #8
T20, T22	Test #2
T20, T25	Test #14
	Test #14 Test #14

Transition pairs (T7, T11), (T7, T12), (T7, T24), (T7, T25) will not be executed because To execute the statements of Tea() we first need to call small\_cup() or Large\_cup().

(T19, T11), (T19, T25) will not be executed because we are calling large\_cup() and disposing small cup of Tea. (T21, T24), (T21 T12) will not be executed because we are calling small\_cup() and disposing large\_cup of tea

## State Sugar:

T22, T23	Test #9
T22, T13	Test #15
T22, T14	Test #15
T22, T15	Test #15
T22, T16	Test #8
T22, T17	Test #4
T22, T18	Test #2
T22, T27	Test #6
T22, T26	Test #15
T16, T23	Test #8
T16, T13	Test #16
T16, T14	Test #16
T16, T15	Test #16
T16, T16	Test #16
T16, T17	Test #17
T16, T18	Test #17
T16, T27	Test #17

T16, T26	Test #17
T17, T23	Test #18
T17, T13	NA
T17, T14	Test # 19
T17, T15	Test #4
T17, T16	Test #17
T17, T17	Test #18
T17, T18	Test #18
T17, T27	Test #18
T17, T26	NA
T18, T23	Test # 19
T18, T13	Test #18
T18, T14	Test # 19
T18, T15	NA
T18, T16	Test #17
T18, T17	Test # 19
T18, T18	Test # 19
T18, T27	NA
T18, T26	Test #18

(T17, T13), (T17, T26) are not executed because we are calling small\_cup() and disposing large\_cup of tea (T18, T15), (T18, T27) are not executed because we are calling large\_cup() and disposing small\_cup of tea

## **State No Small Cups**

T25, T9	Test #11
T25, T28	Test #7
T27, T9	Test #18
T27, T28	Test #6
T28, T9	Test #6
T28, T28	Test #6

## State No Large Cups

T24, T8	Test #11
T24, T29	Test #5
T26, T8	Test #15
T26, T29	Test #18
T29, T8	Test #5
T29, T29	Test #5

## **Test Cases for Model Based Testing:**

	I=
Test No	Test Cases
Test #1	set_price(25), insert_large_cups(5), coin(), large_cup(), tea(), dispose()
Test #2	set_price(25), insert_large_cups(5), coin(), coin(), sugar(), large_cup(), tea(), dispose()
Test #3	set_price(25), insert_small_cups(5), coin(), coin(), small_cup(), tea(), dispose()
Test #4	set_price(25), insert_small_cups(5), coin(), sugar(), small_cup(), tea(), coin(), coin(), cancel(), dispose()
Test #5	<pre>set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), coin(), coin(), insert_large_cups(5), dispose()</pre>
Test #6	set_price(25), insert_small_cups(1), coin(), sugar(), tea(), coin(), coin(), insert_small_cups(5), dispose()
Test #7	set_price(25), insert_small_cups(2), coin(), small_cup(), tea(), coin(), small_cup(), tea(), coin(), insert_small_cups(5), dispose()
Test #8	set_price(25), insert_large_cups(1), coin(), large_cup(), coin(), large_cup(), large_cup(), small_cup(), large_cup(), sugar(), coin(), sugar(), large_cup(), cancel(), dispose()
Test #9	set_price(25), insert_large_cups(5), coin(), sugar(), sugar(), coin(), sugar(), sugar(), large_cup(), sugar(), tea(), dispose()
Test #10	set_price(25), insert_small_cups(5), coin(), sugar(), sugar(), small_cup(), sugar(), sugar(), tea(), coin(), sugar(), cancel(), dispose()
Test #11	set_price(25), insert_small_cups(1), coin(), small_cup(), sugar(), sugar(), sugar(), tea(), insert_small_cups(5), insert_large_cups(1), coin(), large_cup(), sugar(), sugar(), tea(), insert_large_cups(5), dispose()
Test #12	set_price(), insert_small_cups(5), coin(), small_cup(), small_cup(), coin(), coin(), cancel(), coin(), small_cup(), cancel(), dispose()
Test #13	set_price(25), insert_small_cup(5), coin(), small_cup(), coin(), tea(), insert_large_cup(5), coin(), large_cup(), coin(), tea(), dispose()
Test #14	set_price(25), insert_large_cup(1), coin(), large_cup(), coin(), tea(), insert_large_cups(5), insert_small_cups(1), coin(), small_cup(), coin(), tea(), insert_small_cups(5), dispoce()
Test #15	set_price(25), insert_small_cups(5), coin(), small_cup(), sugar(), tea(), insert_large_cups(2), coin(), large_cup(), sugar(), tea(), coin(), sugar(), coin(), sugar(), large_cup(), tea(), insert_large_cups(4), dispose()
Test #16	set_price(25), insert_large_cups(5), coin(), large_cup(), sugar(), coin(), coin(), tea(), insert_small_cups(5), coin(), small_cup(), sugar(), coin(), tea(), coin(), sugar(), coin(), cancel(), dispose()
Test #17	set_price(25), insert_large_cups(1), coin(), sugar(), coin(), large_cup(), coin(), tea(), insert_large_cups(5), insert_small_cups(1), coin(), sugar(), coin(), small_cup(), coin(), tea(), insert_small_cups(5), dispose()
Test #18	set_price(25), insert_small_cup(2), coin(), sugar(), small_cup(), small_cup(), sugar(), small_cup(), tea(), coin(), sugar(), small_cup(), tea(), insert_small_cups(5), insert_large_cups(2), coin(), sugar(), small_cup(), large_cup(), tea(), coin(), sugar(),

	<pre>large_cup(), tea(), insert_large_cups(1), coin(), sugar(), large_cup(), tea(), coin(), insert_large_cup(5), dispose()</pre>
Test #19	set_price(25), insert_small_cups(5), coin(), sugar(), large_cup(), small_cup(), cancel(), coin(), sugar(), large_cup(), large_cup(), sugar(), sugar(), large_cup(), dispose()
Test #20	insert_large_cups(5), insert_large_cups(3), insert_small_cups(5), set_price(25), coin(), sugar(), small_cup(), tea(), dispose()
Test #21	insert_small_cups(5), insert_small_cups(5), insert_large_cups(5), set_price(25), coin(), sugar(), small_cup(), tea(), insert_small_cups(5), dispose()
Test #22	dispose()
Test #23	insert_large_cup(5), dispose()
Test #24	set_price(60), insert_large_cups(5), coin(), coin(), dispose()
Test #25	insert_small_cup(5), dispose()
Test #26	set_price(50), insert_small_cups(5), coin(), dispose()
Test #27	set_price(25), set_price(35), coin(), dispose()
Test #28	set_price(25), dispose()
Test #29	<pre>set_price(100), coin(), insert_large_cup(5), coin(), insert_small_cups(5), coin(), set_price(70), dispose()</pre>
Test #30	<pre>set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cups(5), insert_large_cups(5), dispose()</pre>
Test #31	set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cups(5), set_price(35), dispose()
Test #32	set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cups(5), coin(), cancel(), insert_small_cup(2), dispose()
Test #33	<pre>set_price(50), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cups(5), coin(), dispose()</pre>
Test #34	set_price(25), insert_small_cups(1), coin(), small_cup(), tea(), insert_small_cups(5), insert_small_cups(5), dispose()
Test #35	<pre>set_price(25), insert_small_cups(1), coin(), small_cup(), tea(), insert_small_cups(5), set_price(30), dispose()</pre>
Test #36	set_price(50), insert_small_cups(1), coin(),coin(), small_cup(), tea(), insert_small_cups(5), coin(), dispose()
Test #37	set_price(25), insert_small_cups(1), coin(), small_cup(), tea(), insert_small_cups(5), coin(), cancel(), insert_large_cups(5), dispose()
Test #38	set_price(25), insert_small_cups(5), coin(), cancel(), set_price(50), coin(), coin(), cancel(),coin(), dispose()
Test #39	set_price(25), insert_large_cups(5), coin(), large_cup(), tea(), insert_large_cups(5), coin(), large_cup(), tea(), insert_small_cup(5), coin(), large_cup(), tea(), coin(), large_cup(), tea(), set_price(35), coin(), coin(), large_cup(), tea(), coin(), dispose()
Test #40	set_price(25), insert_large_cups(10), coin(), sugar(), large_cup(), tea(), insert_large_cups(5), coin(), sugar(), large_cup(), tea(), set_price(50), coin(), coin(), sugar(), large_cup(), tea(), coin(), coin(), sugar(), large_cup(), tea(), dispose()
Test #41	<pre>set_price(25), insert_large_cups(10), coin(), sugar(), cancel(), insert_large_cups(5), coin(), sugar(), cancel(), insert_small_cups(5), coin(), sugar(), cancel(), set_price(30), coin(), coin(), sugar(), cancel(), coin(), dispose()</pre>
Test #42	<pre>set_price(25), insert_small_cups(5), coin(), sugar(), small_cup(), tea(), set_price(50), dispose()</pre>

## **Ghost Transition:**

When the default/ghost transitions are executed there is no change in the state and no action is performed.

State	Normal	<b>Ghost Transition</b>	Test #
idle	coin(), dispose(),	small_cup(), large_cup(),	Test #420
	insert_large_cups(n)[n>0],	sugar(), tea(), cancel(),	
	insert_small_cups(n)[n>0],	set_price(p)[p<0],	
	set_price(p)[p>0],	insert_large_cups(n)[n<0],	
	coin[t+25 <price]< td=""><td>insert_small_cups(n)[n&lt;0]</td><td></td></price]<>	insert_small_cups(n)[n<0]	
coins inserted	cancel(),	insert_large_cups(n),	Test #43
	tea[(k>1)&&(s==1)],	insert_small_cups(n),	
	tea[(k1>1)&&(s==2)],	tea[(k<1)&&(s!=1)],	
	sugar(),	tea[(k1<1)&&(s!=2)],	
	tea[(k==1)&&(s==1)],	set_price(), dispose()	
	tea[(k1==1)&&(s==2)],		
	large_cup(), coin(),		
	small_cup()		
sugar	cancel(),	insert_large_cups(n),	Test #44
	tea[(k>1)&&(s==1)],	insert_small_cups(n),	
	tea[(k1>1)&&(s==2)],	tea[(k<1)&&(s!=1)],	
	sugar(),	tea[(k1<1)&&(s!=2)],	
	tea[(k==1)&&(s==1)],	set_price(), dispose()	
	tea[(k1==1)&&(s==2)],		
	large_cup(), coin(),		
	small_cup()		
no large_cups	insert_large_cups(n),	small_cup(), large_cup(),	Test #45
	coin()	sugar(), tea(),	
		insert_small_cup(n),	
		set_price(p), cancel(),	
		dispose()	
no small_cups	insert_small_cups(n),	small_cup(), large_cup(),	Test #46
	coin()	sugar(), tea(),	
		insert_large_cup(),	
		set_price(), cancel(),	
		dispose()	

Test #420	set_price(25), set_price(-25), insert_large_cups(-5), insert_small_cups(-5), small_cup(),
	large_cup(), sugar(), tea(), cancel(), dispose()
Test #43	set_price(25), insert_large_cups(5), coin(),set_price(50), insert_large_cups(10),
	insert_small_cups(10), tea(), dispose(), cancel(), dispose()
Test #44	set_price(25), insert_large_cups(20), coin(), sugar(),set_price(50), insert_large_cups(10),
	insert_small_cups(10), tea(), dispose(), cancel(), dispose()
Test #45	set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), small_cup(), large_cup(), sugar(), tea(), insert_small_cup(5), set_price(25), cancel(), dispose(), insert_large_cups(5), dispose()
Test #46	set_price(25), insert_small_cups(1), coin(), small_cup(), tea(), large_cup(), small_cup(), sugar(), tea(), insert_large_cup(5), set_price(25), cancel(), dispose(), insert_small_cups(5), dispose()

## **Multiple Condition Testing**

#### 1. Coin

x==1	Test Case
T	Test #47
F	Test #53

t+25 >= price	price > 0	Test Case
Т	T	Test #47
Т	F	NA
F	T	Test #54
F	F	NA

Explanation 1: We cannot have price less than 0 to proceed in this program

t+25 < price	Test Case
Т	Test #54
F	Test #47

x>1	x<6	Test Case
Т	T	Test #53
Т	F	NA
F	Т	NA
Т	F	NA

Explanation 2: The value of x is not greater than 7 Explanation 3: The value of x is never less than 1 Explanation 4: The value of x is not greater than 6

#### 2. Small Cup

x==2	x==3	Test Case
Т	Т	NA
Т	F	Test #51
F	T	Test #55
F	F	NA

Explanation 5: The value of x cannot be greater than 2 and 3 at one time Explanation 6: The value of x cannot be less than 2 and 3 at one time

## 3. Large Cup

x==2	x==3	Test Case
Т	T	NA
Т	F	Test #47
F	T	Test #54
F	F	NA

Explanation 7: The value of x cannot be greater than 2 and 3 at one time

#### 4. Sugar

x==2	x==3	Test Case
Т	T	NA
Т	F	Test #54
F	T	Test #56
F	F	NA

Explanation 9: The value of x cannot be greater than 2 and 3 at one time Explanation 10: The value of x cannot be less than 2 and 3 at one time

x==2	Test Case
Т	Test #54
F	Test #56

#### 5. Tea

x==2	x==3	Test Case
Т	T	NA
Т	F	Test #47
F	Т	Test #54
F	F	NA

Explanation 11: The value of x cannot be greater than 2 and 3 at one time Explanation 12: The value of x cannot be less than 2 and 3 at one time

x==2	k1>1	s==2	Test Case
Т	Т	Т	Test #57
Т	Т	F	NA
Т	F	Т	Test #58
Т	F	F	NA
F	Т	Т	Test #61
F	Т	F	NA
F	F	Т	Test #59
F	F	F	NA

Explanation 13: The value of s has to be equal to 2

x==2	k>1	s==1	Test Case
T	Т	Т	Test #54
T	Т	F	NA
T	F	Т	Test #47
T	F	F	NA
F	Т	Т	Test #54
F	Т	F	NA

F	F	Т	Test #62
F	F	F	NA

Explanation 14: The value of s has to be equal to 1

x==2	k==1	s==1	Test Case
Т	T	Т	Test #47
T	T	F	NA
T	F	Т	Test #60
Т	F	F	NA
F	Т	Т	Test #62
F	T	F	NA
F	F	Т	Test #65
F	F	F	NA

Explanation 15: The value of s has to be equal to 1

x==2	k1==1	s==2	Test Case
Т	Т	Т	Test #51
T	Т	F	NA
T	F	Т	Test #57
T	F	F	NA
F	Т	Т	Test #59
F	Т	F	NA
F	F	Т	Test #61
F	F	F	NA

Explanation 16: The value of s has to be equal to 2

x==3	k1==1	s==2	Test Case
T	Т	Т	Test #59
T	Т	F	NA
Т	F	Т	Test #61
T	F	F	NA
F	Т	Т	Test #51
F	Т	F	NA
F	F	Т	Test #57
F	F	F	NA

Explanation 17: The value of s has to be equal to 2

x==3	k==1	s==1	Test Case
T	Т	Т	Test #62
T	Т	F	NA
T	F	Т	Test #54
T	F	F	NA
F	Т	Т	Test #49
F	Т	F	NA
F	F	Т	Test #60
F	F	F	NA

Explanation 18: The value of s has to be equal to 1

x==3	k1>1	s==2	Test Case
Т	Т	Т	Test #55
T	Т	F	NA
Т	F	Т	Test #59
Т	F	F	NA
F	Т	Т	Test #57
F	Т	F	NA
F	F	Т	Test #58
F	F	F	NA

Explanation 19: The value of s has to be equal to 2

x==3	k>1	s==1	Test Case
T	T	Т	Test #54
T	T	F	NA
T	F	Т	Test #62
T	F	F	NA
F	Т	T	Test #48
F	Т	F	NA
F	F	Т	Test #49
F	F	F	NA

Explanation 20: The value of s has to be equal to 1

## 6. Insert Large Cup

x==1	n>0	Test Case
T	Т	Test #48
T	F	Test #50
F	T	NA
F	F	NA

Explanation 21: The value of x is always equal to 1

x==5	n>0	Test Case
Т	Т	Test #47
T	F	Test #48
F	Т	NA
F	F	NA

Explanation 22: The value of x is always equal to 5

## 7. Insert Small Cup

x==1	n>0	Test Case
T	Т	Test #51
T	F	Test #50
F	Т	NA
F	F	NA

Explanation 23: The value of x is always equal to 1

x==4	n>0	Test Case
T	T	Test #51
Т	F	Test #52
F	Т	NA
F	F	NA

Explanation 24: The value of x is always equal to 4

#### 8. Set Price

x==1	p>0	Test Case
Т	Т	Test #47
Т	F	Test #47
F	Т	NA
F	F	NA

Explanation 25: The value of x is always equal to 1

### 9. Cancel

x==2	x==3	Test Case
Т	T	NA
Т	F	Test #53
F	T	Test #53
F	F	NA

Explanation 26: The value of x can never be equal to 2 and 3 at same time

## 10. Dispose

x==1	Test Case
Т	Test #47
F	NA

Test #47	set_price(-25), set_price(25), insert_large_cups(1), coin(), large_cup(), tea(),
	insert_large_cups(5), dispose()
Test #48	set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cups(-1),
	insert_large_cup(5), dispose()
Test #49	set_price(25), insert_large_cups(1), coin(), large_cup(), tea(), insert_large_cup(5), dispose()
Test #50	set_price(25), insert_large_cup(-5), insert_small_cup(-5), cancel() small_cup(), large_cup(),
	sugar(), tea(), dispose()
Test #51	set_price(25), insert_small_cup(1), coin(), small_cup(), tea(), insert_small_cup(5), dispose()
Test #52	set_price(25), insert_small_cup(1), coin(), small_cup(), tea(), insert_small_cups(-5),
	insert_small_cups(5), dispose()
Test #53	set_price(25), insert_small_cup(5), coin(), coin(), cancel(), coin(), sugar(), cancel(), dispose()
Test #54	set_price(50), insert_large_cups(5), coin(), coin(),sugar(), large_cup(), tea(),dispose()
Test #55	set_price(25), insert_small_cups(5), coin(), sugar(), small_cup(), tea(), dispose()
Test #56	set_price(25), insert_small_cups(5), coin(), sugar(), sugar(), tea(), dispose()
Test #57	set_price(25), insert_small_cups(5), coin(), small_cup(), tea(), dispose()
Test #58	set_price(25), insert_small_cup(1), coin(), small_cup(), tea(), dispose()
Test #59	set_price(25), insert_small_cup(1), coin(), small_cup(), sugar(), tea(), dispose()
Test #60	set_price(25), insert_large_cups(5), coin(), large_cup(), tea(),dispose()
Test #61	set_price(25), insert_small_cups(5), coin(), sugar(), small_cup(), tea(), dispose()
Test #62	set_price(25), insert_large_cups(1), coin(), sugar(), large_cup(), tea(),dispose()
Test #63	set_price(25), insert_large_cups(5), coin(), sugar(), large_cup(), tea(),dispose()

## **Execution of Test Suite**

**Transition Pair Testing** 

Test 1: set\_price(25), insert\_large\_cups(5), coin(), large\_cup(), tea(), dispose()

Action	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
, ,	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0	price=25 k=0 k1=0	
	t=0 s=0	t=0 s=0	
Insert_large_cups(5)	You selected Insert	You selected Insert	Passed
80_cape(e)	Large cups:	Large cups:	1 00000
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0	price=25 k=5 k1=0	
	t=0 s=0	t=0 s=0	
Coin()	You selected Coin	You selected Coin	Passed
Je()	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0	price=25 k=5 k1=0	
	t=0 s=0	t=0 s=0	
Large_cup()	You selected Large	You selected Large	Passed
5 5 <u> 1</u> ()	Cup	Cup	
	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0	price=25 k=5 k1=0	
	t=0 s=1	t=0 s=1	
Tea()	You selected Tea:	You selected Tea:	Passed
V	DISPOSE LARGE CUP OF	DISPOSE LARGE CUP	
	TEA	OF TEA	
	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4 k1=0	price=25 k=4 k1=0	
	t=0 s=1	t=0 s=1	
Dispose()	You selected	You selected	Passed
pood()	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4 k1=0	price=25 k=4 k1=0	
	t=0 s=1	t=0 s=1	
	C-0 D-T	C-0 D-T	

Test #2: set\_price(25), insert\_large\_cups(5), coin(), coin(), sugar(), large\_cup(), tea(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0	price=25 k=0 k1=0	
	t=0 s=0	t=0 s=0	
Insert_large_cups(5)	You selected Insert	You selected	Passed
	Small cups:	Insert Large cups:	
	Please enter the	Please enter the	
	number of small	number of large	
	cups:	cups:	
	5	5 Determ Welve de 1	
	The value of	Return Value is: 1	
	variables is:	The value of	
	price=25 k=0 k1=5 t=0 s=0	variables is:	
	L=0 S=0	price=25 k=5 k1=0	
Cain()	You selected Coin	t=0 s=0 You selected Coin	Desert
Coin()		Return value is: 1	Passed
	Return value is: 1		
	The value of variables is:	The value of variables is:	
	price=25 k=5 k1=0		
	t=0 s=0	price=25 k=5 k1=0 t=0 s=0	
c /\			2 1
Sugar()	You selected Sugar: Return value is: 1	You selected	Passed
	The value of	Sugar: Return value is: 1	
		The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0 t=0 s=0	price=25 k=5 k1=0	
	L-0 S-0	t=0 s=0	
Lawre sum ()	Voy gologted Inves		Dossad
Large_cup()	You selected Large	You selected Large	Passed
	Cup Return value is: 1	Cup Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0	price=25 k=5 k1=0	
	t=0 s=1	t=0 s=1	
Tea()	You selected Tea:	You selected Tea:	Passed
. ca()	DISPOSE LARGE CUP	DISPOSE LARGE CUP	1 033CU
	OF TEA WITH SUGAR	OF TEA WITH SUGAR	
	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4 k1=0	price=25 k=4 k1=0	
	t=0 s=1	t=0 s=1	
	You selected	You selected	
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is: 1	Return Value is: 1	
			† <del>-</del> .
Dispose()	You selected	You selected	Passed
Dispose()	You selected Dispose:		Passed
Dispose()	Dispose:	Dispose:	Passed
Dispose()			Passed

price=25 k=4 k1=0	price=25 k=4 k1=0	
t=0 s=1	t=0 s=1	

Test #3: set\_price(25), insert\_small\_cups(5), coin(), coin(), small\_cup(), tea(), dispose()

Action	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0	price=25 k=0 k1=0	
	t=0 s=0	t=0 s=0	
insert_small_cups(5)	You selected Insert	You selected Insert	Passed
	Small cups:	Small cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=5	price=25 k=0 k1=5	
	t=0 s=0	t=0 s=0	
coin()	You selected Coin	You selected Coin	Passed
	Return value is: 1 The value of	Return value is: 1 The value of	
	variables is:	variables is:	
	price=25 k=0 k1=5 t=0 s=0	price=25 k=0 k1=5 t=0 s=0	
anall and/	You Selected Small	You Selected Small	Descad
small_cup()	Cup	Cup	Passed
	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=5	price=25 k=0 k1=5	
	t=0 s=2	t=0 s=2	
Tea()			Passed
104()	You selected Tea:	You selected Tea:	1 43364
	DISPOSE SMALL CUP OF	DISPOSE SMALL CUP	
	TEA	OF TEA	
	Return value is: 1	Return value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=4	price=25 k=0 k1=4	
	t=0 s=2	t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is: 1	Return Value is: 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=4	price=25 k=0 k1=4	
	t=0 s=2	t=0 s=2	

Test #4: set\_price(25), insert\_small\_cups(5), coin(), sugar(), small\_cup(), tea(), coin(), coin(), cancel(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
501_p::00(25)	Price:	Price:	. 43564
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
leasest small sun(5)	You selected	You selected	Dancad
Insert_small_cup(5)	Insert Small		Passed
		Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5 Data	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	

	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0		
	-	price=25 k=0	
2 . 0	k1=4 t=0 s=2	k1=4 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Cancel()	You selected	You selected	Passed
.,	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Dispose()	You selected	You selected	Passed
Dispose()	Dispose:	Dispose:	1 43364
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	=	l =	
	k1=4 t=0 s=0	k1=4 t=0 s=0	

# Test #5: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), coin(), coin(), insert\_large\_cups(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

[	37	37	Ι
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1 Return Value is:	Return Value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
5 <b>-</b> 10	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	The realise of		
	The value of variables is:	The value of variables is:	
	variables is: price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
=	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

# Test #6 set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), sugar(), tea(), coin(), coin(), insert\_small\_cups(5), dispose()

Action	<b>Expected Output</b>	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	Return Value is:	Return Value is:	
	1	Return value is.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	. usseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
T0			BI
Tea()	You selected	You selected	Passed
	Tea: DISPOSE SMALL	Tea:	
		DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Coin()	You selected	You selected	Passed
•	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
miser t_sman_cups(5)	Insert Small	Insert Small	rasseu
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Dispose()	You selected	You selected	Passed
Pishose()	Dispose:	Dispose:	rasseu
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	=	I =	
	k1=5 t=0 s=2	k1=5 t=0 s=2	

 $Test \ \#7: \ set\_price(25), \ insert\_small\_cups(2), \ coin(), \ small\_cup(), \ tea(), \ coin(), \ small\_cup(), \ tea(), \ coin(), \ insert\_small\_cup(), \ dispose()$ 

Action	<b>Expected Output</b>	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(2)	7	7	Passed
	You selected	You selected	
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	2	2	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=0	k1=2 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=0	k1=2 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=2	k1=2 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	

		mi i c	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Too()	You selected	You selected	Passed
Tea()	Tea:	Tea:	Passed
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_Small_cups(5)	You selected	You selected	Passed
insert_sman_cups(s)	Insert Small	Insert Small	rasseu
	cups: Please enter the	cups: Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
i			

Test #8: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), coin(), large\_cup(), large\_cup(), small\_cup(), large\_cup(), sugar(), coin(), sugar(), large\_cup(), cancel(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(1)	You selected	You selected	Passed
6	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1 The value of	1   The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
· · · · · · · · · · · · · · · · · · ·	Coin	Coin	. 43564
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup Return value is:	Large Cup	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
<del></del>	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of variables is:	The value of variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Large_cup()	You selected	You selected	Passed
Laige_cup()	Large Cup	Large Cup	1 43364
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
1	You selected	You selected	DI
Large_cup()			Passed
	Large Cup Return value is:	Large Cup Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Creatly area()	You Selected	You Selected	Dancad
Small_cup()	Small Cup	Small Cup	Passed
	Return value is:	Return value is:	
	1	Reculii value 15.	
		1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Large cum/\	You selected	You selected	Passed
Large_cup()	Large Cup	Large Cup	rasseu
	Return value is:	Return value is:	
	Recuiii value 15.	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Sugar()	You selected	You selected	Passed
Jugar ()	Sugar:	Sugar:	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
· · · · · · · · · · · · · · · · · · ·	Coin	Coin	1 43554
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 $t=0$ $s=1$	

Test #9: set\_price(25), insert\_large\_cups(5), coin(), sugar(), sugar(), coin(), sugar(), sugar(), large\_cup(), sugar(), tea(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Passed
Insert_large_cups(5)	You selected Insert Large cups: Please enter the number of large cups: 5 Return Value is: 1 The value of variables is: price=25 k=5	You selected Insert Large cups: Please enter the number of large cups: 5 Return Value is: 1 The value of variables is: price=25 k=5	Passed
Coin()	k1=0 t=0 s=0  You selected Coin Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=0	k1=0 t=0 s=0  You selected Coin Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=0	Passed
Sugar()	You selected Sugar: Return value is: 1	You selected Sugar: Return value is: 1	Passed

	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
·	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Cain()	You selected	You selected	Decead
Coin()		Coin	Passed
	Coin		
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
<b>5</b> .,	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar/\	You selected	You selected	Passed
Sugar()			Passeu
	Sugar: Return value is:	Sugar: Return value is:	
	Recuiii value 15.	Return value is.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	1	The value of	
	The value of	The value of	
	The value of variables is:	variables is:	
	variables is:	variables is:	
	variables is: price=25 k=5	variables is: price=25 k=5	
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1	variables is:	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected	variables is: price=25 k=5 k1=0 t=0 s=1 You selected	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar:	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is:	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is:	Passed
Sugar()	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	Passed

Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

# Test #10: set\_price(25), insert\_small\_cups(5), coin(), sugar(), sugar(), small\_cup(), sugar(), sugar(), tea(), coin(), sugar(), sugar(), cancel(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set Price:	You selected Set Price:	Passed
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
Import amolt accents	k1=0 t=0 s=0 You selected	k1=0 t=0 s=0 You selected	Passed
Insert_small_cups(5)	Insert Small	Insert Small	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()			Passed
	You selected	You selected	
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	

	1		
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
====0	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	<del>-</del>		
C()	k1=5 t=0 s= You selected	k1=5 t=0 s= You selected	Dana d
Sugar()			Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	Recuiii value 15.		
	1	1	
	1	1	
	1 The value of	1 The value of	
	1 The value of variables is:	1 The value of variables is:	
Tea()	1 The value of variables is: price=25 k=0	The value of variables is: price=25 k=0	Passed
Tea()	1 The value of variables is: price=25 k=0 k1=5 t=0 s=2	The value of variables is: price=25 k=0 k1=5 t=0 s=2	Passed
Tea()	1 The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea:	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea:	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL	Passed
Tea()	1 The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is:	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is:	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is:	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is:	Passed
Tea()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0	Passed
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is:	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is:	
Tea() Coin()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	Passed
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin	
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected	
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1	
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of	
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: 1 The value of variables is: 1	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	
Coin()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2	Passed
	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected You selected	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected You selected	
Coin()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected Sugar:	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected Sugar:	Passed
Coin()	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected You selected	The value of variables is: price=25 k=0 k1=5 t=0 s=2 You selected Tea: DISPOSE SMALL CUP OF TEA Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=2 You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected You selected	Passed

Sugar()	The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected	The value of variables is: price=25 k=0 k1=4 t=0 s=0 You selected	Passed
	Sugar: Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0	Sugar: Return value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0	
Cancel()	You selected Cancel: RETURN COINS Return Value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0	You selected Cancel: RETURN COINS Return Value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=0	Passed
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=1	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=4 t=0 s=1	Passed

Test #11: set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), sugar(), sugar(), sugar(), sugar(), tea(), insert\_small\_cups(5), insert\_large\_cups(1), coin(), large\_cup(), sugar(), sugar(), tea(), insert\_large\_cups(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
,	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(1)	You selected	You selected	Passed
,	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

			Г
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Sugar()	You selected	You selected	Passed
O VI	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
S.,,,,,,()	You selected	You selected	Dagged
Sugar()			Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Sugar()	You selected	You selected	Passed
<b>5</b>	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Tea()	You selected	You selected	Passed
. 50()	Tea:	Tea:	. 33564
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1 The realise of	The real ve of	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	<u> </u>

Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Sugar()			Passed
	You selected	You selected	
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
6 ()	k1=5 t=0 s=1	k1=5 t=0 s=1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	You selected	You selected Tea:	Passed
	Tea:		

	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=1	k1=5 t=0 s=1	

Test #12: set\_price(25), insert\_small\_cups(5), coin(), small\_cup(), small\_cup(), coin(), coin(), coin(), coin(), small\_cup(), cancel(), coin(), small\_cup(), cancel(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	

	1		
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
Siliuii_cup()	Small Cup	Small Cup	1 43364
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
- u v	k1=12 t=0 s=2	k1=12 t=0 s=2	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Coin()	RETURN COIN	RETURN COIN	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Coin()	RETURN COIN	RETURN COIN	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Cancel()	You selected	You selected	Passed
Carrocity	Cancel:	Cancel:	1 43554
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	1 433EU
	Return value is:	Return value is:	
	1	Reculii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
Concil aux	You Selected		Daggad
Small_cup		You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1 1	1	
	m1 3 C	m1 1 C	
	The value of variables is:	The value of variables is:	

	price=25 k=0	price=25 k=0	T
	<del>-</del>	_	
- 10	k1=12 t=0 s=2	k1=12 t=0 s=2	
Cancel()	RETURN COINS	RETURN COINS	Passed
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Coin()	You selected	You selected	Passed
.,	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
• II /\			
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Large_cup()	You selected	You selected	Passed
0-2-1-0	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=1	k1=12 t=0 s=1	
C1/\	You selected	You selected	B
Cancel()	Cancel:	Cancel:	Passed
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=1	k1=12 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=1	k1=12 t=0 s=1	
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Test #13: set\_price(25), insert\_small\_cup(5), coin(), small\_cup(), coin(), tea(), insert\_large\_cup(5), coin(), large\_cup(), coin(), tea(), dispose()

Actions	Expected output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25 Return Value is:	25 Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cup(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups: Please enter the	
	Please enter the number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
Coin/\	k1=5 t=0 s=0 You selected	k1=5 t=0 s=0 You selected	Daggad
Coin()	Coin	Coin	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup Return value is:	Small Cup Return value is:	
	Recuiii value 15.	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA Return value is:	CUP OF TEA Return value is:	
	Return value is:	Return value is:	
		<u> </u>	

	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Insert_large_cups(5)	You selected	You selected	Passed
go_onpo(o)	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
C-t-()			D
Coin()	You selected	You selected	Passed
		Return value is:	
	Return value is:	Return value is:	
	_	_	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
	You selected	You selected	Passed
Dispose()		l - 5 '	
Dispose()	Dispose:	Dispose:	
Dispose()	Dispose: SHUT DOWN	Dispose: SHUT DOWN	
Dispose()	-	_	
Dispose()	SHUT DOWN	SHUT DOWN	
Dispose()	SHUT DOWN Return Value is:	SHUT DOWN Return Value is:	
Dispose()	SHUT DOWN Return Value is: 1	SHUT DOWN Return Value is: 1	
Dispose()	SHUT DOWN Return Value is: 1 The value of	SHUT DOWN Return Value is: 1 The value of	
Dispose()	SHUT DOWN Return Value is: 1 The value of variables is:	SHUT DOWN Return Value is: 1 The value of variables is:	

Test #14 : set\_price(25), insert\_large\_cup(1), coin(), large\_cup(), coin(), tea(), insert\_large\_cups(5), insert\_small\_cups(1), coin(), small\_cup(), coin(), tea(), insert\_small\_cups(5), dispoce()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cup(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	Return Value is:	Return Value is:	
	1	Return value is.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Insert Large	Coin	. 43564
	cups:	Return value is:	
	Please enter the	1	
	number of large	The value of	
	cups:	variables is:	
	1	price=25 k=1	
	Return Value is:	k1=0 t=0 s=0	
	1		
	The value of		
	variables is:		
	price=25 k=1		
	k1=0 t=0 s=0		
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
<b>6</b> 1 10	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	price=25 k=1	k1=0 t=0 s=1	
Too()	You selected	You selected	Passed
Tea()	Tea:	Tea:	rasseu
	ı∈a.	ıca.	

		T	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
ilisert_large_cups(3)	Insert Large	Insert Large	rasseu
	_		
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	-	
1 1 12		k1=0 t=0 s=1	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=1	_ = ·	
		k1=1 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
- ··-··	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:		
		variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
T0			Danas d
Tea()	You selected	You selected	Passed
i	Coin	Tea:	
	1 * *		

	T		
	RETURN COIN	DISPOSE SMALL	
	Return value is:	CUP OF TEA	
	1	Return value is:	
	The value of	1	
	variables is:	The value of	
	price=25 k=5	variables is:	
	k1=1 t=0 s=2	price=25 k=5	
		k1=0 t=0 s=2	
Insert_small_cups(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=12 t=0 s=2	k1=12 t=0 s=2	

Test #15: set\_price(25), insert\_small\_cups(5), coin(), small\_cup(), sugar(), tea(), insert\_large\_cups(2), coin(), large\_cup(), sugar(), tea(), coin(), sugar(), coin(), sugar(), large\_cup(), tea(), insert\_large\_cups(4), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	25 15 0		
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
6 11 ()	k1=5 t=0 s=0 You Selected	k1=5 t=0 s=0	5 .
Small_cup()		You Selected	Passed
	Small Cup Return value is:	Small Cup Return value is:	
	1	Return value is.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
	K1-5 C-0 S-2	K1-5 C-0 S-2	
Curant)			Danad
Sugar()	You selected	You selected	Passed
	Sugar: Return value is:	Sugar: Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Tea()	You selected	You selected	Passed
rea()	Tea:	Tea:	Passeu
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Insert_large_cups(2)	You selected	You selected	Passed
,	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	2	2	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=4 t=0 s=0	k1=4 t=0 s=0	

. ^	V1	Va11	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Sugar()	You selected	You selected	Passed
Jugar()	Sugar:	Sugar:	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Coin()	You selected Coin	You selected Coin	Passed
	Return value is:	Return value is:	
	Recurn value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Sugar()	You selected	You selected	Passed
ougu: ()	Sugar:	Sugar:	. 43564
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1 k1=4 t=0 s=0	price=25 k=1 k1=4 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
	1 1 0 0 0 0	1 1 0 0 0 0	<u>l</u>

	37 1 1	37 1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Insert_large_cups(12)	6	6	Passed
	You selected	You selected	
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=12	price=25 k=12	
	k1=4 t=0 s=1	k1=4 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=12	price=25 k=12	
	k1=4 t=0 s=1	k1=4 t=0 s=1	

Test #16: set\_price(25), insert\_large\_cups(5), coin(), large\_cup(), sugar(), coin(), coin(), tea(), insert\_small\_cups(5), coin(), small\_cup(), sugar(), coin(), tea(), coin(), sugar(), coin(), coin()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	

	1 -	1 .	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
Cata()	k1=0 t=0 s=0	k1=0 t=0 s=0	Danad
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
		1	
	1	1 1	
	1 The value of	The value of	
	1 *	The value of variables is:	
	The value of		
	The value of variables is:	variables is:	
Sugar()	The value of variables is: price=25 k=5	variables is: price=25 k=5	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1	variables is: price=25 k=5 k1=0 t=0 s=1	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected	variables is: price=25 k=5 k1=0 t=0 s=1 You selected	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar:	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is:	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of	Passed
Sugar()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is:	Passed
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5	
Sugar() Coin()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1	Passed
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN Return value is: 1	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN Return value is: 1 The value of	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is:	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is:	
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5	
Coin()	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1  The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN Return value is: 1  The value of variables is: price=25 k=5 k1=0 t=0 s=1	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1	Passed
	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected You selected You selected	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected	
Coin()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin seturn value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	Passed
Coin()	The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1  You selected Coin RETURN COIN	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN RETURN COIN RETURN COIN RETURN COIN RETURN COIN	Passed
Coin()	The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	variables is: price=25 k=5 k1=0 t=0 s=1 You selected Sugar: Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin RETURN COIN Return value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin seturn value is: 1 The value of variables is: price=25 k=5 k1=0 t=0 s=1 You selected Coin	Passed

	T	T	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_small_cups(5)	You selected	You selected	Passed
msert_sman_caps(s)	Insert Small	Insert Small	- usseu
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
Siliali_cup()	Small Cup	Small Cup	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
ĺ		1 0 0 0 0 2	
Sugar()		You selected	Passed
Sugar()	You selected	You selected Sugar:	Passed
Sugar()	You selected Sugar:	Sugar:	Passed
Sugar()	You selected		Passed
Sugar()	You selected Sugar: Return value is: 1	Sugar: Return value is: 1	Passed
Sugar()	You selected Sugar: Return value is:	Sugar: Return value is:	Passed
Sugar()	You selected Sugar: Return value is: 1 The value of variables is:	Sugar: Return value is: 1 The value of variables is:	Passed
Sugar()	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4	Sugar: Return value is: 1 The value of variables is: price=25 k=4	Passed
	You selected Sugar: Return value is: 1 The value of variables is:	Sugar: Return value is: 1 The value of variables is:	
Sugar() Coin()	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2	Passed
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is:	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is:	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1 The value of variables is:	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1 The value of variables is:	
	You selected Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1 The value of	Sugar: Return value is: 1 The value of variables is: price=25 k=4 k1=5 t=0 s=2 You selected Coin RETURN COIN Return value is: 1 The value of	

Too()	You selected	You selected	Passad
Tea()	Tea:	Tea:	Passed
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Code (A)	You selected	You selected	D
Coin()	Coin	Coin	Passed
	Return value is:	Return value is:	
	Return value is:	1 Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
C acard)	You selected	You selected	Doggod
Sugar()			Passed
	Sugar: Return value is:	Sugar: Return value is:	
	1	Reculii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Coin()	You selected	You selected	Passed
Coin()	Coin	Coin	Passed
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Cancel()	You selected	You selected	Passed
Caricei()	Cancel:	Cancel:	rasscu
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=0	k1=4 t=0 s=0	
Dispose()	You selected	You selected	Passed
= :-   (/	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=4 t=0 s=0	k1=4 t=0 s=0	

Test #17: set\_price(25), insert\_large\_cups(1), coin(), sugar(), coin(), large\_cup(), coin(), tea(), insert\_large\_cups(5), insert\_small\_cups(1), coin(), sugar(), coin(), small\_cup(), coin(), tea(), insert\_small\_cups(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
- 0	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	-	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1 k1=0 t=0 s=0	price=25 k=1 k1=0 t=0 s=0	
Cain()	You selected	You selected	Decemb
Coin()	Coin	Coin	Passed
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	Recuin value is.	Recuiii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
	111 0 0 0 0 0	177 0 0 0 0 0	i e

	37 1+1	V11	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	The value of	mho maluo of	
	variables is:	The value of variables is:	
	price=25 k=1 k1=0 t=0 s=1	price=25 k=1 k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	Passeu
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1 You selected	
Insert_large_cups(5)	You selected		Passed
	Insert Large cups:	<pre>Insert Large cups:</pre>	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups: Please enter the	cups: Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=1	k1=1 t=0 s=1	_
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	AGTIONTED TO:	variantes is:	

	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Sugar/)	You selected	You selected	Passed
Sugar()	Sugar:	Sugar:	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
- Co()	Coin	Coin	. 43564
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of variables is:	The value of	
	price=25 k=5	variables is: price=25 k=5	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Tea()	You selected	You selected	Passed
rea()	Tea:	Tea:	rasseu
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is: price=25 k=5	variables is:	
	=	price=25 k=5 k1=5 t=0 s=2	
	k1=5 t=0 s=2	VI-0   C-0   S-2	

Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=2	k1=5 t=0 s=2	

Test #18: set\_price(25), insert\_small\_cup(2), coin(), sugar(), small\_cup(), small\_cup(), sugar(), small\_cup(), tea(), coin(), sugar(), small\_cup(), tea(), insert\_small\_cups(5), insert\_large\_cups(2), coin(), sugar(), small\_cup(), large\_cup(), tea(), coin(), sugar(), large\_cup(), tea(), coin(), insert\_large\_cups(1), coin(), sugar(), large\_cup(), tea(), coin(), insert\_large\_cup(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_Small_cups(2)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	2	2	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=0	k1=2 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=0	k1=2 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=0	k1=2 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	

Γ			
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=2	k1=2 t=0 s=2	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=2	k1=2 t=0 s=2	_
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=2	k1=2 t=0 s=2	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=2 t=0 s=2	k1=2 t=0 s=2	-
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
- 0	k1=2 t=0 s=2	k1=2 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea: DISPOSE SMALL	Tea: DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	Recuiii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	. assea
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Sugar()	You selected	You selected	Passed
O (/	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	<u> </u>	i .	İ

		I = ,	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	_
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Insert_large_cups(2)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	2 Roturn Walue is:	2 Dotum Walue is:	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Dassad
Coin()	Coin	Coin	Passed
	Return value is:	Return value is:	
	1	Recuiii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
Sugar()	Sugar:	Sugar:	rasseu
	Return value is:	Return value is:	
	Return value is:	Return value is:	

	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Large_cup()	You selected	You selected	Passed
0 = 1	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=2	price=25 k=2	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	You selected	You selected	Passed
· = u()	Tea:	Tea:	. assea
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
C-:()	You selected	You selected	D
Coin()			Passed
	Coin	Coin Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:		
		variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
-			
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	You selected	You selected	Passed
**	Tea:	Tea:	
	104.	-00.	

	DICDOCE IADCE	DIGDOGE INDGE	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
		SUGAR	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=5 t=0 s=1	price=25 k=0 k1=5 t=0 s=1	
Incort laws supplied	You selected	You selected	Passed
Insert_large_cups(1)	Insert Large	Insert Large	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	=	=	
	cups:	cups:	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
Co()	Coin	Coin	. 45564
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	1 _	Q	
	Sugar:	Sugar:	
	Sugar: Return value is:	Sugar: Return value is:	
	Return value is:	Return value is:	
	Return value is: 1 The value of	Return value is: 1 The value of	
	Return value is: 1 The value of variables is:	Return value is:  1 The value of variables is:	
	Return value is:  1 The value of variables is: price=25 k=1	Return value is:  1 The value of variables is: price=25 k=1	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0	
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is:	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is:	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is:	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is:	Passed
Large_cup()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1	Passed
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1	
Large_cup() Tea()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected	Passed
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea:	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea:	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is:	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is:	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1 You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is:	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1 You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is:	
	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1 You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0	
Tea()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=1	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1 You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=1	Passed
Tea()	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1  You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=1  You selected	Return value is:  1 The value of variables is: price=25 k=1 k1=5 t=0 s=0 You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=5 t=0 s=1 You selected Tea: DISPOSE LARGE CUP OF TEA WITH SUGAR Return value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=1 You selected	Passed

	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Insert_large_cup(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=1	k1=5 t=0 s=1	

Test #19: set\_price(25), insert\_small\_cups(5), coin(), sugar(), large\_cup(), small\_cup(), cancel(), coin(), sugar(), large\_cup(), large\_cup(), sugar(), large\_cup(), cancel(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	

	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
- 0	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
		1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
		Large Cup	
	Large Cup	_ =	
	Return value is:	Return value is:	
	Return value is:	Return value is:	
	Return value is:	Return value is:	

	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Sugar()	You selected	You selected	Passed
<b>.</b>	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
D: ()	k1=5 t=0 s=1	k1=5 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	-	-	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=1	k1=5 t=0 s=1	

## Test #20: insert\_large\_cups(5), insert\_large\_cups(3), insert\_small\_cups(5), set\_price(25), coin(), sugar(), small\_cup(), tea(), dispose()

Actions	Expected Output	Actual Output	Result
Insert_large_cups(3)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	3	3	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

			T
	price=0 k=3 k1=0	price=0 k=3 k1=0	
	t=0 s=0	t=0 s=0	
Insert_large_cups(3)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	3	3	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=6 k1=0	price=0 k=6 k1=0	
	t=0 s=0	t=0 s=0	
Insert_small_cups(3)	You selected	You selected	Passed
,	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	3	3	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=6 k1=3	price=0 k=6 k1=3	
	t=0 s=0	t=0 s=0	
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=6	price=25 k=6	
	k1=3 t=0 s=0	k1=3 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=6	price=25 k=6	
	k1=3 t=0 s=0	k1=3 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=6	price=25 k=6	
	k1=3 t=0 s=0	k1=3 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
<del></del>	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=6	price=25 k=6	
	k1=3 t=0 s=2	k1=3 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=6	price=25 k=6	
	k1=2 t=0 s=2	k1=2 t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=6	price=25 k=6	
	k1=2 t=0 s=2	k1=2 t=0 s=2	

Test #21: insert\_small\_cups(5), insert\_small\_cups(5), insert\_large\_cups(5), set\_price(25), coin(), sugar(), small\_cup(), tea(), insert\_small\_cups(5), dispose()

Actions	Expected Output	Actual Output	Result
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=0 k1=5	price=0 k=0 k1=5	
	t=0 s=0	t=0 s=0	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=0	price=0 k=0	
	k1=10 t=0 s=0	k1=10 t=0 s=0	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	

	T =	Ге	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=5	price=0 k=5	
	k1=10 t=0 s=0	k1=10 t=0 s=0	
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=10 t=0 s=0	k1=10 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=10 t=0 s=0	k1=10 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=10 t=0 s=0	k1=10 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
5a.i_cap()	Small Cup	Small Cup	. 43364
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=10 t=0 s=2	k1=10 t=0 s=2	
Too/\	You selected	You selected	Passed
Tea()	Tea:	Tea:	rasseu
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=9 t=0 s=2	k1=9 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	i.	1	i .

	Return Value is:  1 The value of variables is: price=25 k=5 k1=14 t=0 s=2	Return Value is:  1 The value of variables is: price=25 k=5 k1=14 t=0 s=2	
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=5 k1=14 t=0 s=2	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=5 k1=14 t=0 s=2	Passed

#### Test #22 : dispose()

Action	<b>Expected Output</b>	Actual Output	Result
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=0 k1=0	price=0 k=0 k1=0	
	t=0 s=0	t=0 s=0	

#### Test #23: insert\_large\_cup(5), dispose()

Actions	Expected Output	Actual Output	Result
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=5 k1=0	price=0 k=5 k1=0	
	t=0 s=0	t=0 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=5 k1=0	price=0 k=5 k1=0	
	t=0 s=0	t=0 s=0	

Actions	Expected Output	Actual Output	Result
Set_price(60)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	60	60	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=60 k=0	price=60 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(12)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=60 k=12	price=60 k=12	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=60 k=12	price=60 k=12	
	k1=0 t=50 s=0	k1=0 t=50 s=0	
Coin()	You selected	You selected	Passed
=	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=60 k=12	price=60 k=12	
	k1=0 t=50 s=0	k1=0 t=50 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=60 k=12	price=60 k=12	
	k1=0 t=50 s=0	k1=0 t=50 s=0	

#### Test #25 : insert\_small\_cup(5), dispose()

Actions	Expected Output	Actual Output	Result
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	

	Please enter the number of small cups: 5 Return Value is: 1 The value of variables is: price=0 k=0 k1=5	Please enter the number of small cups: 5 Return Value is: 1 The value of variables is: price=0 k=0 k1=5	
Dispose()	t=0 s=0 You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=0 k=0 k1=5 t=0 s=0	t=0 s=0 You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=0 k=0 k1=5 t=0 s=0	Passed

## Test #26: set\_price(50), insert\_small\_cups(12), coin(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(50)	You selected Set Price: Please enter the price: 50 Return Value is: 1 The value of variables is: price=50 k=0 k1=0 t=0 s=0	You selected Set Price: Please enter the price: 50 Return Value is: 1 The value of variables is: price=50 k=0 k1=0 t=0 s=0	Passed
Insert_small_cups(12)	You selected Insert Small cups: Please enter the number of small cups: 12 Return Value is: 1 The value of variables is: price=50 k=0 k1=12 t=0 s=0	You selected Insert Small cups: Please enter the number of small cups: 12 Return Value is: 1 The value of variables is: price=50 k=0 k1=12 t=0 s=0	Passed
Coin()	You selected Coin Return value is: 1 The value of variables is: price=50 k=0 k1=12 t=25 s=0	You selected Coin Return value is: 1 The value of variables is: price=50 k=0 k1=12 t=25 s=0	Passed
Dispose()	You selected Dispose: SHUT DOWN Return Value is:	You selected Dispose: SHUT DOWN Return Value is:	Passed

The value of	The value of	
variables is:	variables is:	
price=50 k=0	price=50 k=0	
k1=12 t=25 s=0	k1=12 t=25 s=0	

## Test #27: set\_price(25), set\_price(35), coin(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set Price: Please enter the price:	You selected Set Price: Please enter the price:	Passed
	25 Return Value is: 1 The value of	25 Return Value is: 1 The value of	
	<pre>variables is: price=25 k=0 k1=0 t=0 s=0</pre>	variables is: price=25 k=0 k1=0 t=0 s=0	
Set_price(35)	You selected Set Price: Please enter the price: 35 Return Value is: 1 The value of variables is: price=35 k=0 k1=0 t=0 s=0	You selected Set Price: Please enter the price: 35 Return Value is: 1 The value of variables is: price=35 k=0 k1=0 t=0 s=0	Passed
Coin()	You selected Coin Return value is:  1 The value of variables is: price=35 k=0 k1=0 t=25 s=0	You selected Coin Return value is: 1 The value of variables is: price=35 k=0 k1=0 t=25 s=0	Passed
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=35 k=0 k1=0 t=25 s=0	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=35 k=0 k1=0 t=25 s=0	Passed

## Test #28: set\_price(25), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set Price: Please enter the price: 25	You selected Set Price: Please enter the price: 25	Passed

	Return Value is:  1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Return Value is:  1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Passed

Test #29: set\_price(100), coin(), insert\_large\_cup(5), coin(), insert\_small\_cups(5), coin(), set\_price(70), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(100)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	100	100	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=0	price=100 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=0	price=100 k=0	
	k1=0 t=25 s=0	k1=0 t=25 s=0	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=5	price=100 k=5	
- · · ·	k1=0 t=25 s=0	k1=0 t=25 s=0	
Coin()	You selected	You selected	Passed
	Return value is:	Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=5	price=100 k=5	
	k1=0 t=50 s=0	k1=0 t=50 s=0	

Import small supply	You selected	You selected	Daggad
Insert_small_cups(5)			Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=5	price=100 k=5	
	k1=5 t=50 s=0	k1=5 t=50 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=100 k=5	price=100 k=5	
	k1=5 t=75 s=0	k1=5 t=75 s=0	
Set_price(70)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	70	70	
	Return Value is:	Return Value is:	
	1	1	
	12	12	
	The value of	The value of	
	variables is:	variables is:	
	price=70 k=5	price=70 k=5	
	k1=5 t=75 s=0	k1=5 t=75 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	12	12	
	The value of	The value of	
	variables is:	variables is:	
	price=70 k=5	price=70 k=5	
	k1=5 t=75 s=0	k1=5 t=75 s=0	

# Test #30: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cups(5), insert\_large\_cups(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

Insert_large_cups(1)  You selected Insert Large cups: Please enter the number of large cups: 1 Return Value is: 1 The value of variables is: price=25 k=1 kl=0 t=0 selected Coin Return value is: 1 The value of You selected Coin Return value is: 1 The value of You selected Coin Return value is: 1 The value of The value is: 1 The value of You selected Coin Return value is: 1 The value of The value of Variables is: price=25 k=1 kl=0 t=0 s=0  Coin()  You selected You selected Passed  Coin Return value is: 1 The value of The value of Variables is: price=25 k=1 kl=0 t=0 s=0  Large_cup()  You selected You selected Passed  Large Cup Return value is: 1 The value of The value of Variables is: price=25 k=1 kl=0 t=0 s=0  Large Cup Return value is: 1 The value of The value is: 1 The value of The value of Vou selected Large Cup Return value is: 1 The value of The value of Vou selected Large Cup Return value is: 1 The value of The value of Vou selected Large Cup Return value is: 1 The value of The value of Vou selected Large Cup Return value is: 1 The value of The value of Vou selected Large Cup Return value is: 1 The value of Vou selected Passed The value of Vou selected The
cups: Please enter the number of large cups:  1 Return Value is: 1 Return Value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Coin()  Coin()  You selected Coin Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Coin Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Coin Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected You selected Passed  Large Cup Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  You selected You selected Large Cup Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  You selected You selected Large Cup Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Toa: DISPOSE LARGE  DISPOSE LARGE
Please enter the number of large cups:  1 Return Value is: Return Value is: 1 The value of variables is: variables is: price=25 k=1 k1=0 t=0 s=0  Coin() You selected Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Coin() You selected Coin Return value is: 1 The value of variables is: variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup() You selected You selected Passed  Coin Return value is: Return value is: 1 The value of The value of variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup() You selected You selected Passed  Large Cup Return value is: 1 The value of The value of variables is: price=25 k=1 k1=0 t=0 s=0  The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Passed  Tea: DISPOSE LARGE DISPOSE LARGE
number of large cups:  1
Cups: 1
The value of variables is: price=25 k=1 k1=0 t=0 s=0 k1=0 t=0 t=0 k1=0 t=0 t=0 k1=0 t=0 t=0 t=0 k1=0 t=0 t=0 t=0 t=0 t=0 t=0 t=0 t=0 t=0 t
Return Value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Coin()  Coin()  You selected Coin Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Coin Return value is: Return value is: 1 The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected You selected Passed  Large Cup Return value is: 1 The value of The value of Variables is: price=25 k=1 k1=0 t=0 s=0  Large Cup Return value is: 1 The value of The value of Variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Passed  The value of Variables is: Price=25 k=1 k1=0 t=0 s=1  You selected You selected Passed  Tea: DISPOSE LARGE  DISPOSE LARGE
1
The value of variables is: price=25 k=1 k1=0 t=0 s=0  Coin()  You selected Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  The value of The value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected You selected Coin Return value is: 1 The value of The value of variables is: price=25 k=1 k1=0 t=0 s=0 The value of Variables is: price=25 k=1 k1=0 t=0 s=0 The value of Variables is: price=25 k=1 the value of Variables is: p
variables is:
Price=25 k=1
R1=0 t=0 s=0   R1=0 t=0 s=0
Coin()         You selected Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0         You selected You selected The value of variables is: price=25 k=1 k1=0 t=0 s=0         Passed           Large_cup()         You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1         Passed           The value of variables is: price=25 k=1 k1=0 t=0 s=1         The value of variables is: price=25 k=1 k1=0 t=0 s=1         Passed           Tea()         You selected Tea: DISPOSE LARGE         Passed
Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Passed  Facura value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  Passed  Passed
Return value is:  Return value is:  Return value is:  1  The value of variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected Large Cup Return value is: 1  The value of variables is: price=25 k=1 k1=0 t=0 s=0  Passed  Passed  Featurn value is: 1  The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  You selected Tea: DISPOSE LARGE
The value of variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To the value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To the value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  To variables is: price=25 k=1 k1=0 t=0 s=1  Tea()
The value of variables is: variables is: price=25 k=1 k1=0 t=0 s=0  Large_cup()  You selected Large Cup Return value is: 1 The value of variables is: variables is: price=25 k=1 k1=0 t=0 s=0  The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Passed  Large Cup Return value is: 1 The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Tea: DISPOSE LARGE  To the value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  To variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  The value of You selected Tea: DISPOSE LARGE
variables is: price=25 k=1 k1=0 t=0 s=0  Vou selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0  Passed  Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  Variables is: price=25 k=1 k1=0 t=0 s=1  Passed  Passed  Passed
price=25 k=1
price=25 k=1
R1=0 t=0 s=0   R1=0 t=0 s=0
Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  Large Cup Return value is: 1 The value of variable is: price=25 k=1 k1=0 t=0 s=1  Vou selected Tea: DISPOSE LARGE  Large Cup Return value is: 1 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE
Large Cup Return value is: Return value is: 1 The value of The value of variables is: price=25 k=1 price=25 k=1 k1=0 t=0 s=1  Tea()  You selected Tea: DISPOSE LARGE  Large Cup Return value is: price=25 k=1 the value of variables is: price=25 k=1 price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  DISPOSE LARGE
Return value is:  1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  Return value is: 1  You selected The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  Return value is: 1  Passed
The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  Tea()  The value of The value of variables is: price=25 k=1 k1=0 t=0 s=1  You selected You selected Tea: DISPOSE LARGE  DISPOSE LARGE  DISPOSE LARGE
variables is: price=25 k=1 k1=0 t=0 s=1  You selected Tea: DISPOSE LARGE  variables is: price=25 k=1 k1=0 t=0 s=1  Value Selected Tea: price=25 k=1
price=25 k=1 price=25 k=1 k1=0 t=0 s=1  You selected You selected Tea: DISPOSE LARGE DISPOSE LARGE
k1=0 t=0 s=1 k1=0 t=0 s=1  You selected You selected Tea: DISPOSE LARGE DISPOSE LARGE
k1=0 t=0 s=1 k1=0 t=0 s=1  You selected You selected Tea: DISPOSE LARGE DISPOSE LARGE
Tea: Tea: DISPOSE LARGE DISPOSE LARGE
Tea: Tea: DISPOSE LARGE DISPOSE LARGE
CUD OF TEA CUD OF TEA
COF OF IEA CUP OF IEA
Return value is: Return value is:
The value of The value of
variables is: variables is:
price=25 k=0 price=25 k=0
k1=0 t=0 s=1
Insert_large_cups(12) You selected You selected Passed
Insert Large Insert Large
cups: cups:
Please enter the Please enter the
number of large number of large
cups: cups:
12 12
Return Value is: Return Value is:
1 1
The value of The value of
variables is: variables is:
price=25 k=12 price=25 k=12
k1=0 t=0 s=1 k1=0 t=0 s=1
Insert_large_cups(5) You selected You selected Passed
Insert Large Insert Large
cups: cups:
Please enter the Please enter the
number of large number of large
cups: cups:
5 5
Return Value is: Return Value is:
1 1

	The value of	The value of	·
	variables is:	variables is:	
	price=25 k=17	price=25 k=17	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=17	price=25 k=17	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Test #31: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cups(5), set\_price(35), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0	Passed
Insert_large_cups(1)	k1=0 t=0 s=0  You selected Insert Large cups: Please enter the number of large cups: 1 Return Value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0	k1=0 t=0 s=0  You selected Insert Large cups: Please enter the number of large cups: 1 Return Value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0	Passed
Coin()	You selected Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0	You selected Coin Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=0	Passed
Large_cup()	You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1	You selected Large Cup Return value is: 1 The value of variables is: price=25 k=1 k1=0 t=0 s=1	Passed

Tea()	You selected	You selected	Passed
rea()	Tea:	Tea:	rasseu
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	-	<u> </u>	
Income laws accept(E)	k1=0 t=0 s=1 You selected	k1=0 t=0 s=1	Dansad
Insert_large_cups(5)		You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Set_price(35)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	35	35	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=5	price=35 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=5	price=35 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Test #32: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cups(5), coin(), cancel(), insert\_small\_cup(2), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
_, , ,	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

	1	T	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	-
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cups()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
Too()	k1=0 t=0 s=1	k1=0 t=0 s=1	Danad
Tea()	You selected	You selected	Passed
	Tea: DISPOSE LARGE	Tea:	
	CUP OF TEA	DISPOSE LARGE CUP OF TEA	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert large supplE\	You selected	You selected	Passad
Insert_large_cups(5)	Insert Large	Insert Large	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
1	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
<del></del>	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Cancel()	You selected	You selected	Passed
<del></del>	Cancel:	Cancel:	
			· · · · · · · · · · · · · · · · · · ·

	T	T	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cup(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	1 45554
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
	KI-IZ	KI-IZ	

Test #33: set\_price(50), insert\_large\_cups(1), coin(), coin(), large\_cup(), tea(), insert\_large\_cups(5), coin(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(50)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=1	price=50 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

0 : 0	V	Va 1	<b>a</b> 1
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1   The value of	1 The value of	
	variables is:	variables is:	
	price=50 k=1	price=50 k=1	
Caim()	k1=0 t=25 s=0 You selected	k1=0 t=25 s=0 You selected	Danad
Coin()		Coin	Passed
	Coin Return value is:	* *	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=1	price=50 k=1	
1 a man a man ()	k1=0 t=25 s=0 You selected	k1=0 t=25 s=0 You selected	Danad
Large_cup()			Passed
	Large Cup Return value is:	Large Cup Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=1	price=50 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
· - u()	Tea:	Tea:	. asseu
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
_ 0 _ 1:-\-7	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=5	price=50 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=5	price=50 k=5	
	k1=0 t=25 s=1	k1=0 t=25 s=1	
Dispose()	You selected	You selected	Passed
nishose()	Dispose:	Dispose:	rasseu
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	1 -	<u> </u>	

The value of	The value of	
variables is:	variables is:	
price=50 k=5	price=50 k=5	
k1=0 t=25 s=1	k1=0 t=25 s=1	

 $Test \ \#34: set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), tea(), insert\_small\_cups(5), insert\_small\_cups(5), dispose()$ 

Actions	<b>Expected Result</b>	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
6 II /\	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Too()	You selected	You selected	Passad
Tea()	Tea:	Tea:	Passed
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	Return value is:	Return value is:	

	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Incorp amolt accept(E)	You selected	You selected	Passed
Insert_small_cups(5)	Insert Small	Insert Small	Passed
	cups: Please enter the	cups: Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=10 t=0 s=2	k1=10 t=0 s=2	
Dispose()	You selected	You selected	Passed
. "	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=10 t=0 s=2	k1=10 t=0 s=2	

Test #35: set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), tea(), insert\_small\_cups(5), set\_price(30), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	

	1 -	T	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
Const. such	k1=1 t=0 s=0	k1=1 t=0 s=0 You Selected	Danad
Small_cup()	You Selected Small Cup	You Selected   Small Cup	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Tea()	You selected	You selected	Passed
1000	Tea:	Tea:	1 43354
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	Roturn Walue is:	Dotum Value is:	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
Set_price(30)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	30	30	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=0	price=30 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	

Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=0	price=30 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	

# Test #36: set\_price(50), insert\_small\_cups(1), coin(),coin(), small\_cup(), tea(), insert\_small\_cups(5), coin(), dispose()

Action	Expected Result	Actual Result	Result
Set_price(50)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=1 t=25 s=0	k1=1 t=25 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	

	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Too()	You selected	You selected	Passed
Tea()	Tea:	Tea:	Passeu
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cup(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Passed
33()	Coin	Coin	1 43554
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=25 s=2	k1=5 t=25 s=2	
Dispose()	You selected	You selected	Passed
spose()	Dispose:	Dispose:	. 43564
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=25 s=2	k1=5 t=25 s=2	

Test #37: set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), tea(), insert\_small\_cups(5), coin(), cancel(), insert\_large\_cups(5), dispose()

Action	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

	T	T	Γ
Insert_small_Cups(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
T()	k1=1 t=0 s=2	k1=1 t=0 s=2	Dana d
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
miser t_sinan_cups(s)	Insert Small	Insert Small	rasscu
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Coin()	You selected	You selected	Passed
, · · ·	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	

Cancel()	You selected	You selected	Passed
Cancel()	Cancel:	Cancel:	rasseu
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Dispose()	You selected	You selected	Passed
. "	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
	111 0 0 0 0	11 0 0 0 0 0	

Test #38: set\_price(25), insert\_small\_cups(5), coin(), cancel(), set\_price(50), coin(), coin(), coin(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	1 05 1 0		T
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	_
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	_
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Set_price(50)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()			Passed
	You selected	You selected	
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=25 s=0	k1=5 t=25 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
- 10	k1=5 t=0 s=0	k1=5 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	İ
	1	1	

	The value of	The value of	·
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=25 s=0	k1=5 t=25 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=5 t=25 s=0	k1=5 t=25 s=0	

Test #39: set\_price(25), insert\_large\_cups(5), coin(), large\_cup(), tea(), insert\_large\_cups(5), coin(), large\_cup(), tea(), insert\_small\_cup(5), coin(), large\_cup(), tea(), coin(), large\_cup(), tea(), set\_price(35), coin(), coin(), large\_cup(), tea(), coin(), dispose()

Actions	Expected Result	Actual Result	Results
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_Cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Too()	You selected	You selected	Decead
Tea()			Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA Return value is:	
	Return value is:	Return value is:	
		_	
	The value of variables is:	The value of	
		variables is:	
	price=25 k=4	price=25 k=4	
Innert I. (c-)	k1=0 t=0 s=1	k1=0 t=0 s=1	DagaI
Insert_large_cups(12)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=16	price=25 k=16	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=16	price=25 k=16	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=16	price=25 k=16	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_small_cup(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
Large_cup()	Large Cup	Large Cup	r 433eu
	Return value is:	Return value is:	
	1	1	
	-	_	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	DISPOSE LARGE	DISPOSE LARGE	Passed
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	1	1	
	+	-	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	You selected	You selected	Passed
- ~ <b>V</b>	Tea:	Tea:	- 32 - 2-
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=13	price=25 k=13	
o	k1=5 t=0 s=1	k1=5 t=0 s=1	
Set_price(35)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	35	35	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	•		

	price=35 k=13	price=35 k=13	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
Coin()	Coin	Coin	Passed
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=13	price=35 k=13	
	k1=5 t=25 s=1	k1=5 t=25 s=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	Passeu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=13	price=35 k=13	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Large_cup()	You selected	You selected	Passed
Large_cup()	Large Cup	Large Cup	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=13	price=35 k=13	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Tea()	You selected	You selected	Passed
rea()	Tea:	Tea:	rasseu
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=12	price=35 k=12	
	k1=5 t=0 s=1	k1=5 t=0 s=1	
Coin()	You selected	You selected	Passed
	Tea:	Coin	
	DISPOSE LARGE	Return value is:	
	CUP OF TEA	1	
	Return value is:	The value of	
	1	variables is:	
	The value of	price=35 k=12	
	variables is:	k1=5 t=25 s=1	
	price=35 k=12		
	k1=5 t=0 s=1		
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=35 k=12	price=35 k=12	
	k1=5 t=25 s=1	k1=5 t=25 s=1	

Test #40: set\_price(25), insert\_large\_cups(10), coin(), sugar(), large\_cup(), tea(), insert\_large\_cups(5), coin(), sugar(), large\_cup(), tea(), coin(), sugar(), large\_cup(), tea(), coin(), coin(), sugar(), large\_cup(), tea(), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(10)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	10	10	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
- 0	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1 The realise of	_	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10 k1=0 t=0 s=0	price=25 k=10 k1=0 t=0 s=0	
Large cup/)	You selected	You selected	Passed
Large_cup()	Large Cup	Large Cup	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=9	price=25 k=9	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
			l .

Income laws access(E)	You selected	You selected	Danad
Insert_large_cups(5)			Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
C-!()	k1=0 t=0 s=1	k1=0 t=0 s=1	Bd
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=14	price=25 k=14	
<b>-</b> ^	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	Return value is:	Return value is:	
	Return value is:	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=13	price=25 k=13	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Set_price(50)	You selected Set	You selected Set	Passed
361_price(30)	Price:	Price:	1 033EU
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=13	price=50 k=13	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Coin()	You selected	You selected	Passed
()	Coin	Coin	. 33504
	1	1	<u>I</u>

	_	_	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=13	price=50 k=13	
	k1=0 t=25 s=1	k1=0 t=25 s=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=13	price=50 k=13	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=13	price=50 k=13	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=13	price=50 k=13	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	_	-	
	The value of	The value of	
	The value of variables is:	The value of variables is:	
Coin()	The value of variables is: price=50 k=12	The value of variables is: price=50 k=12	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected	The value of variables is: price=50 k=12 k1=0 t=0 s=1	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is:	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is:	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12	Passed
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected	Passed
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1 The value of	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is:	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1 The value of variables is:	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=0 s=0	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1 The value of variables is:	
	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12	The value of variables is: price=50 k=12 k1=0 t=0 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1  You selected Coin Return value is: 1 The value of variables is: price=50 k=12	
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=0 s=0	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=0 s=0	Passed
Coin()	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=0 s=0 You selected	The value of variables is: price=50 k=12 k1=0 t=0 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=25 s=1 You selected Coin Return value is: 1 The value of variables is: price=50 k=12 k1=0 t=0 s=0 You selected	Passed

	The value of	The value of	
	variables is:	variables is:	
	price=50 k=12	price=50 k=12	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=12	price=50 k=12	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=11	price=50 k=11	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=11	price=50 k=11	
	k1=0 t=0 s=1	k1=0 t=0 s=1	

Test #41 : set\_price(25), insert\_large\_cups(10), coin(), sugar(), cancel(), insert\_large\_cups(5), coin(), sugar(), cancel(), insert\_small\_cups(5), coin(), sugar(), cancel(), set\_price(30), coin(), coin(), sugar(), cancel(), coin(), dispose()

Actual	Expected Result	Actual Result	Results
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	12	12	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(10)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	10	10	
	Return Value is:	Return Value is:	
	1	1	

		Г	
	m1 1 6	ml l	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=10	price=25 k=10	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
<del></del>	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
	You selected	You selected	Passed
Sugar()		Cuan.	
Sugar()	Sugar:	Sugar:	
Sugar()	Sugar: Return value is:	Return value is:	
Sugar()	_	=	
Sugar()	Return value is:	Return value is:	
Sugar()	Return value is:	Return value is:	
Sugar()	Return value is: 1 The value of variables is:	Return value is:  1 The value of variables is:	
Sugar()	Return value is: 1 The value of variables is: price=25 k=15	Return value is:  1 The value of variables is: price=25 k=15	
	Return value is: 1 The value of variables is:	Return value is:  1 The value of variables is:	Passed
Sugar()  Cancel()	Return value is:  1 The value of variables is: price=25 k=15 k1=0 t=0 s=0	Return value is:  1 The value of variables is: price=25 k=15 k1=0 t=0 s=0	Passed

	T =======		
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	_
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=15	price=25 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
		ouncer.	
	RETURN COINS	RETURN COINS	
	RETURN COINS	RETURN COINS	
	RETURN COINS Return Value is:	RETURN COINS Return Value is:	
	RETURN COINS Return Value is: 1	RETURN COINS Return Value is: 1	
	RETURN COINS Return Value is: 1 The value of	RETURN COINS Return Value is: 1 The value of	
	RETURN COINS Return Value is: 1 The value of variables is:	RETURN COINS Return Value is: 1 The value of variables is:	
Set price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0	RETURN COINS Return Value is: 1 The value of variables is: price=25 k=15 k1=5 t=0 s=0	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price:	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price:	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price:	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price:	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the price: 30 Return Value is: 1	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is:	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is:	Passed
Set_price(30)	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15	Passed
	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is:	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0 You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is:	
Set_price(30)  Coin()	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0	Passed
	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected	
	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected Coin	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected Coin	
	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected	RETURN COINS Return Value is:  1 The value of variables is: price=25 k=15 k1=5 t=0 s=0  You selected Set Price: Please enter the price: 30 Return Value is: 1 The value of variables is: price=30 k=15 k1=5 t=0 s=0  You selected	

	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=25 s=0	k1=5 t=25 s=0	
Co.in ()	You selected	You selected	Dana d
Coin()			Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=25 s=0	k1=5 t=25 s=0	
D'/\			Dana d
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=30 k=15	price=30 k=15	
	k1=5 t=25 s=0	k1=5 t=25 s=0	

Test #42: set\_price(25), insert\_small\_cups(5), coin(), sugar(), small\_cup(), tea(), set\_price(50), dispose()

Action	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	nni go-25 1 0	pri 00-05 10	Τ
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	<u> </u>
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0	k1=5 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	The walue of	The walue of	
	The value of variables is:	The value of variables is:	
	price=25 k=0		
	price=25 k=0 k1=4 t=0 s=2	price=25 k=0 k1=4 t=0 s=2	
Sat price/EO\	You selected Set	You selected Set	Passed
Set_price(50)	Price:	Price:	rasseu
	Price: Please enter the	Please enter the	
		price:	
	price: 50	price:	
	Return Value is:	Return Value is:	
	Recuiii value 15.	Recuiii value 15.	
	_	_	
	The value of	The value of	
	variables is:	variables is:	
	variables is:	variantes is:	

	price=50 k=0	price=50 k=0	
	k1=4 t=0 s=2	k1=4 t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=50 k=0	price=50 k=0	
	k1=4 t=0 s=2	k1=4 t=0 s=2	

### **Ghost Transition Testing**

Test # 420: set\_price(25), set\_price(-25), insert\_large\_cups(-5), insert\_small\_cups(-5), small\_cup(), large\_cup(), sugar(), tea(), cancel(), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	You selected Set Price: Please enter the price: 25 Return Value is: 1 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Passed
Set_price(-25)	You selected Set Price: Please enter the price: -25 Return Value is: 0 The value of variables is: price=25 k=0 k1=0 t=0 s=0	You selected Set Price: Please enter the price: -25 Return Value is: 0 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Passed
Insert_large_cups(-5)	You selected Insert Large cups: Please enter the number of large cups: -5 Return Value is: 0 The value of variables is: price=25 k=0 k1=0 t=0 s=0	You selected Insert Large cups: Please enter the number of large cups: -5 Return Value is: 0 The value of variables is: price=25 k=0 k1=0 t=0 s=0	Passed
Small_cup()	You Selected Small Cup	You Selected Small Cup	Passed

	1	ı	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
1			Dansad
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	You selected	You selected	Passed
- "	Sugar:	Sugar:	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Too/)	You selected	You selected	Dassad
Tea()	Tea:	Tea:	Passed
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Dispose()	You selected	You selected	Passed
spose()	Dispose:	Dispose:	. 23364
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	Reculii value 15.	
	<del>-</del>	-	
	The value of variables is:	The value of	
		variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

## Test #43: set\_price(25), insert\_large\_cups(5), coin(),set\_price(50), insert\_large\_cups(10), insert\_small\_cups(10), tea(), dispose(), cancel(), dispose()

Actions	<b>Expected Results</b>	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the price: 25	Please enter the price: 25	
	Return Value is:	Return Value is:	

	T	г	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0 t=0 s=0	price=25 k=0 k1=0 t=0 s=0	
Income lawns accord(E)	You selected	You selected	Passed
Insert_large_cups(5)	Insert Large	Insert Large	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
C (EQ)	k1=0 t=0 s=0 You selected Set	k1=0 t=0 s=0 You selected Set	
Set_price(50)	Price:	Price:	Passed
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(10)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large cups:	number of large cups:	
	10	10	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(10)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	Return Value is:	Return Value is:	
	necurii varue 15.	neculii value 15.	
	The value of	The value of	
	variables is:	variables is:	
L			

	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Tea()	You selected	You selected	Passed
Tea()	Tea:	Tea:	rasseu
	Return value is:	Return value is:	
	neculii value is.	neculii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
5. 0	k1=0 t=0 s=0	k1=0 t=0 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
	1 3 0 0 0 0	1 3 8 8 8 8	

Test #44: set\_price(25), insert\_large\_cups(20), coin(), sugar(),set\_price(50), insert\_large\_cups(10), insert\_small\_cups(10), tea(), dispose(), cancel(), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set Price:	You selected Set Price:	Passed
	Please enter the	Please enter the	
	price: 25	price: 25	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(20)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	20	20	

	T		
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=20	price=25 k=20	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1 mh 1 f	The value of	
	The value of variables is:	variables is:	
		price=25 k=20	
	price=25 k=20 k1=0 t=0 s=0	k1=0 t=0 s=0	
Sugar()	KI-U C-U S-U	K1-0 C-0 S-0	Passed
Sugar ()	You selected	You selected	rasseu
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=20	price=25 k=20	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Set_price(50)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	50	50	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=20	price=25 k=20	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(10)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
		number of large	
	cups:	cups:	
	Return Value is:	Return Value is:	
	necurii varue 15.	O	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=20	price=25 k=20	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_small_cups(10)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	10	10	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
1	price=25 k=20	price=25 k=20	
	k1=0 t=0 s=0	k1=0 t=0 s=0	

Tea()	You selected Tea: Return value is: 0 The value of variables is: price=25 k=20 k1=0 t=0 s=0	You selected Tea: Return value is: 0 The value of variables is: price=25 k=20 k1=0 t=0 s=0	Passed
Dispose()	You selected Dispose: Return Value is: 0 The value of variables is: price=25 k=20 k1=0 t=0 s=0	You selected Dispose: Return Value is: 0 The value of variables is: price=25 k=20 k1=0 t=0 s=0	Passed
Cancel()	You selected Cancel: RETURN COINS Return Value is: 1 The value of variables is: price=25 k=20 k1=0 t=0 s=0	You selected Cancel: RETURN COINS Return Value is: 1 The value of variables is: price=25 k=20 k1=0 t=0 s=0	Passed
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=20 k1=0 t=0 s=0	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=20 k1=0 t=0 s=0	Passed

Test #45: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), small\_cup(), large\_cup(), sugar(), tea(), insert\_small\_cup(5), set\_price(25), cancel(), dispose(), insert\_large\_cups(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set Price: Please enter the price:	You selected Set Price: Please enter the price:	Passed
	25 Return Value is: 1 The value of variables is: price=25 k=0	25 Return Value is: 1 The value of variables is: price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	_
Insert_large_cups(1)	You selected Insert Large cups: Please enter the number of large cups: 1 Return Value is:	You selected Insert Large cups: Please enter the number of large cups: 1 Return Value is:	Passed

	T	T	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Large_Cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	variables is: price=25 k=0	price=25 k=0	
	variables is: price=25 k=0 k1=0 t=0 s=1	price=25 k=0 k1=0 t=0 s=1	
Tea()	<pre>variables is: price=25 k=0 k1=0 t=0 s=1 You selected</pre>	price=25 k=0 k1=0 t=0 s=1 You selected	Passed
Tea()	<pre>variables is: price=25 k=0 k1=0 t=0 s=1 You selected Tea:</pre>	price=25 k=0 k1=0 t=0 s=1 You selected Tea:	Passed
Tea()	variables is: price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is:	price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is:	Passed
Tea()	variables is: price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is: 0	<pre>price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is: 0</pre>	Passed
Tea()	variables is: price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is:	price=25 k=0 k1=0 t=0 s=1 You selected Tea: Return value is:	Passed

			T
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_small_Cup(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0 t=0 s=1	price=25 k=0 k1=0 t=0 s=1	
Set price/2E)	You selected Set	You selected Set	Passed
Set_price(25)	Price:	Price:	rasseu
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Cancel()	You selected	You selected	Passed
,,	Cancel:	Cancel:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups: Please enter the	
	Please enter the	number of large	
	number of large	1	
	cups:	cups:	
	Return Value is:	Return Value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
pose(/	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	ı	ı	i.

The value of	The value of	
variables is:	variables is:	
price=25 k=5	price=25 k=5	
k1=0 t=0 s=1	k1=0 t=0 s=1	

Test #46: set\_price(25), insert\_small\_cups(1), coin(), small\_cup(), tea(), large\_cup(), small\_cup(), sugar(), tea(), insert\_large\_cup(5), set\_price(25), cancel(), dispose(), insert\_small\_cups(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=0 t=0 s=0	price=25 k=0 k1=0 t=0 s=0	
Incort small suns(1)	You selected	You selected	Passed
Insert_small_cups(1)	Insert Small	Insert Small	Passeu
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0	k1=1 t=0 s=0	
Small_cup()	You Selected	You Selected	Passed
· · · ·	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2	k1=1 t=0 s=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL CUP OF TEA	DISPOSE SMALL CUP OF TEA	
	Return value is:	Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	

	T		
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	0	The value of	
	The value of variables is:	variables is:	
	price=25 k=0 k1=0 t=0 s=2	price=25 k=0 k1=0 t=0 s=2	
Consult sound)	You Selected	You Selected	Danad
Small_cup()			Passed
	Small Cup Return value is:	Small Cup Return value is:	
	necurii varue 15.	n Return value is.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Sugar()	You selected	You selected	Passed
Jugar ()	Sugar:	Sugar:	rasseu
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Tea()	You selected	You selected	Passed
.,	Tea:	Tea:	
	Return value is:	Return value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_large_cup(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the number of large	Please enter the	
	_	number of large	
	cups:	cups:	
	Return Value is:	Return Value is:	
	neculii value 15.	n	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Set_price(25)	You selected Set	You selected Set	Passed
_	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	variables is: price=25 k=0	variables is: price=25 k=0	
	variables is: price=25 k=0 k1=0 t=0 s=2	variables is: price=25 k=0 k1=0 t=0 s=2	
Cancel()	variables is: price=25 k=0 k1=0 t=0 s=2 You selected	variables is: price=25 k=0 k1=0 t=0 s=2 You selected	Passed
Cancel()	variables is: price=25 k=0 k1=0 t=0 s=2 You selected Cancel:	variables is: price=25 k=0 k1=0 t=0 s=2 You selected Cancel:	Passed
Cancel()	variables is: price=25 k=0 k1=0 t=0 s=2 You selected	variables is: price=25 k=0 k1=0 t=0 s=2 You selected	Passed

	m1 1 C	m1 1 6	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2	k1=0 t=0 s=2	
Insert_small_cups(5)	You selected	You selected	Passed
,	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2	k1=5 t=0 s=2	
Dispose()	You selected	You selected	Passed
D13p03e()	Dispose:	Dispose:	1 433C4
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
		price=25 k=0	
	price=25 k=0	-	
	k1=5 t=0 s=2	k1=5 t=0 s=2	

### **Multiple Condition Testing:**

### Test #47: set\_price(-25), set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cups(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(-25)	You selected Set	You selected Set	Passed
_, , ,	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	-25	-25	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=0 k=0 k1=0	price=0 k=0 k1=0	
	t=0 s=0	t=0 s=0	
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

		T	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0	k1=0 t=0 s=0	
Large_cup()	37 3	37 3	Passed
	You selected	You selected	
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
- 0	k1=0 t=0 s=1	k1=0 t=0 s=1 You selected	
Tea()	You selected Tea:	Tea:	Passed
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Insert_large_cups(5)	You selected	You selected	Passed
miser c_large_cups(5)	Insert Large	Insert Large	rasseu
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1	k1=0 t=0 s=1	
Dispose()	You selected	You selected	Passed
• •	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	

The value of	The value of	
variables is:	variables is:	
price=25 k=5	price=25 k=5	
k1=0 t=0 s=1	k1=0 t=0 s=1	

Test #48 : set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cups(-1), insert\_large\_cup(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0 k1=0 t=0 s=0	
Income Invest Access (4)	k1=0 t=0 s=0 You selected	You selected	Danad
Insert_large_cups(1)	Insert Large	Insert Large	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is: price=25 k=1	variables is:	
	k1=0 t=0 s=0 x=2	price=25 k=1 k1=0 t=0 s=0 x=2	
Large_cup()	You selected	You selected	Passed
Large_cup()	Large Cup	Large Cup	rasseu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1 x=2	k1=0 t=0 s=1 x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1 mbo waluo of	The malue of	
	The value of variables is:	The value of variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1 x=5	k1=0 t=0 s=1 x=5	
	VI-0 C-0 S-1 X=2	VI-0 C-0 S-1 X-2	

In contract (Constant)	Von colocted	Von colocted	DI
Insert_large_Cups(-1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	-1	-1	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1 x=5	k1=0 t=0 s=1 x=5	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1 x=1	k1=0 t=0 s=1 x=1	
Dispose()	You selected	You selected	Passed
Dispose()	Dispose:	Dispose:	rasseu
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5 k1=0 t=0 s=1 x=6	price=25 k=5	
	KI=U T=U S=I X=6	k1=0 t=0 s=1 x=6	

## Test #49: set\_price(25), insert\_large\_cups(1), coin(), large\_cup(), tea(), insert\_large\_cup(5), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	

	I: 1	I 1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0 x=2	k1=0 t=0 s=0 x=2	
Large_cup()	You selected	You selected	Passed
80_oup()	Large Cup	Large Cup	1 40004
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=1 x=2	k1=0 t=0 s=1 x=2	
Tool	You selected	You selected	Danad
Tea()		Tea:	Passed
	Tea:	100.	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1 x=5	k1=0 t=0 s=1 x=5	
Insert_large_cups(12)	6	6	Passed
	You selected	You selected	
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=12	price=25 k=12	
	k1=0 t=0 s=1 x=1	k1=0 t=0 s=1 x=1	
Dispose()	You selected	You selected	Passed
cposc()	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=12	price=25 k=12	
	k1=0 t=0 s=1 x=6	k1=0 $t=0$ $s=1$ $x=6$	

Test #50 : set\_price(25), insert\_large\_cup(-5), insert\_small\_cup(-5), cancel() small\_cup(), large\_cup(), sugar(), tea(), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_large_Cups(-5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	-5		
	Return Value is:	Return Value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_small_cups(-5)	You selected	You selected	Passed
insert_sman_cups(-5)	Insert Small	Insert Small	Passeu
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	<b>-</b> 5	<b>-</b> 5	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	Return Value is:	Return Value is:	
	0	0	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
<b>5</b> : ()	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Dispose()	You selected	You selected	Passed
	Dispose: SHUT DOWN	Dispose: SHUT DOWN	
	Return Value is:	Return Value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=6	k1=0 t=0 s=0 x=6	
	77-0 C-0 2-0 X-0	71-0 C-0 S-0 X-0	

Test #51 : set\_price(25), insert\_small\_cup(1), coin(), small\_cup(), tea(), insert\_small\_cup(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
361_p.166(23)	Price:	Price:	1 43364
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 $t=0$ $s=0$ $x=1$	
Insert_small_cup(1)	You selected	You selected	Passed
,	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=1	k1=1 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
6 H 6 A	k1=1 t=0 s=0 x=2 You Selected	k1=1 t=0 s=0 x=2	
Small_Cup()		You Selected	Passed
	Small Cup Return value is:	Small Cup Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2 x=2	k1=1 t=0 s=2 x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2 x=4	k1=0 t=0 s=2 x=4	
Insert_small_cup(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12	12	

	Return Value is:  1 The value of variables is: price=25 k=0 k1=12 t=0 s=2 x=1	Return Value is:  1 The value of variables is: price=25 k=0 k1=12 t=0 s=2 x=1	
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=2 x=6	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=2 x=6	Passed

 $Test \ \#52: set\_price(25), insert\_small\_cup(1), coin(), small\_cup(), tea(), insert\_small\_cups(-5), insert\_small\_cups(5), dispose()$ 

C-+!/2E\	Van salastad Ost	Ven selected Col	Daniel I
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_small_cup(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=1	k1=1 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=2	k1=1 t=0 s=0 x=2	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2 x=2	k1=1 t=0 s=2 x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2 x=4	k1=0 t=0 s=2 x=4	
Insert_small_cups(-5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	<b>-</b> 5	<b>-</b> 5	
	Return Value is:	Return Value is:	
	0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
Income amount accordes	k1=0 t=0 s=2 x=4 You selected	k1=0 t=0 s=2 x=4 You selected	Danad
Insert_small_cups(5)	Insert Small	Insert Small	Passed
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2 x=1	k1=5 t=0 s=2 x=1	
Dispose()	You selected	You selected	Passed
. "	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2 x=6	k1=5 t=0 s=2 x=6	

 $Test \ \#53: set\_price(25), insert\_small\_cup(5), coin(), coin(), coin(), coin(), sugar(), cancel(), dispose()$ 

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

		1	T
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_small_cup(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	$\frac{1}{2}$	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0 x=1	k1=5 t=0 s=0 x=1	-
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1.	1.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
0	k1=5 t=0 s=0 x=2	k1=5 t=0 s=0 x=2	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	RETURN COIN	RETURN COIN	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
- 10	k1=5 t=0 s=0 x=2	k1=5 t=0 s=0 x=2	
Cancel()	You selected	You selected	Passed
	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
	Return Value is:	Return Value is:	
	1 -	_	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=5 t=0 s=0 x=1	price=25 k=0 k1=5 t=0 s=0 x=1	
Coin()	VI-0 1-0 8-0 X=1	VI-0 C-0 S-0 X-1	Passed
Coin()	You selected	You selected	rasseu
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0 x=2	k1=5 t=0 s=0 x=2	
Sugar()	You selected	You selected	Passed
-28.11	Sugar:	Sugar:	. 3000
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0 x=3	k1=5 t=0 s=0 x=3	
Cancel()	You selected	You selected	Passed
.,	Cancel:	Cancel:	
	RETURN COINS	RETURN COINS	
·	•		

	Return Value is:  1 The value of variables is: price=25 k=0 k1=5 t=0 s=0 x=1	Return Value is:  1 The value of variables is: price=25 k=0 k1=5 t=0 s=0 x=1	
Dispose()	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=0 x=6	You selected Dispose: SHUT DOWN Return Value is: 1 The value of variables is: price=25 k=0 k1=5 t=0 s=0 x=6	Passed

## Test #56: set\_price(25), insert\_small\_cups(5), coin(), sugar(), sugar(), small\_cup(), tea(), dispose()

Actions	Expected Output	Actual Output	Result
Actions Set_price(25)	You selected Set Price: Please enter the price: 25 Return Value is: 1 12 The value of variables is: price=25 k=0	Actual Output You selected Set Price: Please enter the price: 25 Return Value is: 1 12 The value of variables is: price=25 k=0	Passed
Insert_small_cups(12)	k1=0 t=0 s=0 x=1  You selected Insert Small cups: Please enter the number of small cups: 12 Return Value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=0 x=1	k1=0 t=0 s=0 x=1  You selected Insert Small cups: Please enter the number of small cups: 12 Return Value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=0 x=1	Passed
Coin()	You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=0 x=2	You selected Coin Return value is: 1 The value of variables is: price=25 k=0 k1=12 t=0 s=0 x=2	Passed
Sugar()	You selected Sugar: Return value is: 1 The value of variables is:	You selected Sugar: Return value is: 1 The value of variables is:	Passed

	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
	x=3	x=3	
Sugar()	You selected	You selected	Passed
- Jugui (/	Sugar:	Sugar:	. 43564
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
	x=2	x=2	
Small_cup()	You Selected	You Selected	Passed
- cacap()	Small Cup	Small Cup	1 43554
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
	x=2	x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=11 t=0 s=2	k1=11 t=0 s=2	
	x=1	x=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=11 t=0 s=2	k1=11 t=0 s=2	
	x=6	x=6	

## Test #57: set\_price(25), insert\_small\_cups(5), coin(), small\_cup(), tea(), dispose()

Actions	Expected Output	Actual Output	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_Small_cups(12)	You selected	You selected	Passed
,	Insert Small	Insert Small	
	cups:	cups:	

	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12 Return Value is:	12 Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=0	k1=12 t=0 s=0	
Coin()	x=1 You selected	x=1 You selected	Passed
Com()	Coin	Coin	Passeu
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0 k1=12 t=0 s=0	price=25 k=0 k1=12 t=0 s=0	
	x=2	x=2	
Small_Cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is: price=25 k=0	variables is: price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
	x=2	x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL CUP OF TEA	DISPOSE SMALL	
	Return value is:	CUP OF TEA Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=11 t=0 s=2	k1=11 t=0 s=2	
Dispose()	x=1 10	x=1 10	Passed
Dispose()	You selected	You selected	rasseu
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is: price=25 k=0	variables is: price=25 k=0	
	k1=11 t=0 s=2	k1=11 t=0 s=2	
	x=6	x=6	

## Test #58: set\_price(25), insert\_small\_cup(1), coin(), small\_cup(), tea(), insert\_small\_cup(5), dispose()

Actions	Expected Result	Actual Result	Results
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	

	1	I =	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 $t=0$ $s=0$ $x=1$	
Insert_small_cup(1)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=1	k1=1 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
Com()	Coin	Coin	rasseu
	Return value is:	Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=2	k1=1 t=0 s=0 x=2	
Small_cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2 x=2	k1=1 t=0 s=2 x=2	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2 x=4	k1=0 t=0 s=2 x=4	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=2 x=1	k1=5 t=0 s=2 x=1	
Dispose()	The value of	The value of	Passed
Dishose()	variables is:	variables is:	r doocu
		rvariables is:	

 •		
price=25 k=0	price=25 k=0	
k1=5 t=0 s=2 x=6	k1=5 t=0 s=2 x=6	

# Test #59: set\_price(25), insert\_small\_cup(1), coin(), small\_cup(), sugar(), tea(), insert\_small\_cups(5), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1 You selected	k1=0 t=0 s=0 x=1	
Insert_small_cup(1)	Insert Small	You selected Insert Small	Passed
	cups: Please enter the	cups: Please enter the	
	number of small	number of small	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=1	k1=1 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=0 x=2	k1=1 t=0 s=0 x=2	
Small_cup()	You Selected	You Selected	Passed
	Small Cup Return value is:	Small Cup	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2 x=2	k1=1 t=0 s=2 x=2	
Sugar()	You selected	You selected	Passed
J. 17	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=1 t=0 s=2 x=3	k1=1 t=0 s=2 x=3	
Tea()			Passed
	You selected	You selected	
	Tea:	Tea:	

	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=2 x=4	k1=0 t=0 s=2 x=4	
Insert_small_cups(12)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	12	12	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
	x=1	x=1	
Dispose()	You selected	You selected	Passed
2.56556()	Dispose:	Dispose:	. asseu
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=12 t=0 s=2	k1=12 t=0 s=2	
	x=6	x=6	

## Test #60 : set\_price(25), insert\_large\_cups(5), coin(), large\_cup(), tea(),dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	5	5	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	

	price=25 k=5	price=25 k=5	
	=	-	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0 x=2	k1=0 $t=0$ $s=0$ $x=2$	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1 x=2	k1=0 t=0 s=1 x=2	
Tea()	You selected	You selected	Passed
1500	Tea:	Tea:	1 44554
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA	CUP OF TEA	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1 x=1	k1=0 t=0 s=1 x=1	
D: ()			
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1 x=6	k1=0 t=0 s=1 x=6	

## Test #61: set\_price(25), insert\_small\_cups(5), coin(), sugar(), small\_cup(), tea(), dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_small_cups(5)	You selected	You selected	Passed
	Insert Small	Insert Small	
	cups:	cups:	
	Please enter the	Please enter the	
	number of small	number of small	
	cups:	cups:	
	5	5	

	T	T =	1
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 t=0 s=0 x=1	k1=5 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 $t=0$ $s=0$ $x=2$	k1=5 t=0 s=0 x=2	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 $t=0$ $s=0$ $x=3$	k1=5 t=0 s=0 x=3	
Small_Cup()	You Selected	You Selected	Passed
	Small Cup	Small Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=5 $t=0$ $s=2$ $x=3$	k1=5 t=0 s=2 x=3	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE SMALL	DISPOSE SMALL	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=2 x=1	k1=4 t=0 s=2 x=1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=4 t=0 s=2 x=6	k1=4 t=0 s=2 x=6	
•	•	•	•

#### Test #62: set\_price(25), insert\_large\_cups(1), coin(), sugar(), large\_cup(), tea(),dispose()

Actions	Expected Result	Actual Result	Result
Set_price(25)	You selected Set	You selected Set	Passed
	Price:	Price:	
	Please enter the	Please enter the	
	price:	price:	
	25	25	

	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_large_cups(1)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups: Please enter the	cups: Please enter the	
	number of large	number of large	
	cups:	cups:	
	1	1	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
- 0	k1=0 t=0 s=0 x=2	k1=0 t=0 s=0 x=2	
Sugar()	You selected	You selected	Passed
	Sugar: Return value is:	Sugar: Return value is:	
	Return value is:	Return value is:	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
	k1=0 t=0 s=0 x=3	k1=0 t=0 s=0 x=3	
Large_cup()	You selected	You selected	Passed
8-2	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=1	price=25 k=1	
- 0	k1=0 t=0 s=1 x=3	k1=0 t=0 s=1 x=3	
Tea()	You selected	You selected	Passed
	Tea: DISPOSE LARGE	Tea: DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=1 x=	k1=0 t=0 s=1 x=	
Insert_large_cup(12)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	14	14	

	Return Value is:	Return Value is:	
	1	1	
Dispose()	You selected	You selected	Passed
	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=12	price=25 k=12	
	k1=0 $t=0$ $s=1$ $x=6$	k1=0 $t=0$ $s=1$ $x=6$	

Test #63: set price(25), insert large cups(5), coin(), sugar(), large cup(), tea(), dispose()

Actions	<b>Expected Result</b>	Actual Result	Result
Set_price(25)	You selected Set Price:	You selected Set Price:	Passed
	Please enter the	Please enter the	
	price:	price:	
	25	25	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=0	price=25 k=0	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Insert_large_cups(5)	You selected	You selected	Passed
	Insert Large	Insert Large	
	cups:	cups:	
	Please enter the	Please enter the	
	number of large	number of large	
	cups:	cups:	
	Return Value is:	Return Value is:	
	Recuiii value 15.	neculii value 15.	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0 x=1	k1=0 t=0 s=0 x=1	
Coin()	You selected	You selected	Passed
· · · · · · · · · · · · · · · · · · ·	Coin	Coin	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=0 x=2	k1=0 t=0 s=0 x=2	
Sugar()	You selected	You selected	Passed
	Sugar:	Sugar:	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 $t=0$ $s=0$ $x=3$	k1=0 $t=0$ $s=0$ $x=3$	

	7	7 1	
Large_cup()	You selected	You selected	Passed
	Large Cup	Large Cup	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=5	price=25 k=5	
	k1=0 t=0 s=1 x=3	k1=0 t=0 s=1 x=3	
Tea()	You selected	You selected	Passed
	Tea:	Tea:	
	DISPOSE LARGE	DISPOSE LARGE	
	CUP OF TEA WITH	CUP OF TEA WITH	
	SUGAR	SUGAR	
	Return value is:	Return value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1 x=1	k1=0 t=0 s=1 x=1	
Dispose()	You selected	You selected	Passed
-	Dispose:	Dispose:	
	SHUT DOWN	SHUT DOWN	
	Return Value is:	Return Value is:	
	1	1	
	The value of	The value of	
	variables is:	variables is:	
	price=25 k=4	price=25 k=4	
	k1=0 t=0 s=1 x=6	k1=0 t=0 s=1 x=6	

# Source Code for Vending Machine: Testing related Method:

#### showVariables()

This would display the values of all the variables

#### **Source Code:**

```
public class VendingMachine
         private int x;
         private int price;
         private int k;
         private int k1;
         private int t;
         private int s;
         public VendingMachine()
                  k1 = 0;
                  k = 0;
                  t = 0;
                  price = 0;
                  x = 1;
         }
         public final int coin()
                  if (x == 1)
                           if ((t + 25 >= price) && (price > 0))
                                     s = 0;
                                     t = 0;
                                     x = 2;
                                     return 1;
                           }
                           else if (t + 25 < price)
                                     t = t + 25;
                                     return 1;
                           }
                  }
                  else if ((x > 1) && (x < 6))
                           System.out.print("RETURN COIN");
                           System.out.print("\n");
                           return 1;
                  }
                  return 0;
         public final int small_cup()
                  if ((x == 2) | | (x == 3))
```

```
{
                  s = 2;
                  return 1;
         }
         return 0;
public final int large_cup()
         if ((x == 2) | | (x == 3))
                  s = 1;
                  return 1;
         }
         return 0;
public final int sugar()
         if ((x == 2) | | (x == 3))
                  if (x == 2)
                  {
                           x = 3;
                  }
                  else
                  {
                           x = 2;
                  }
                  return 1;
         return 0;
}
public final int tea()
         if ((x == 2) | | (x == 3))
         {
                  if ((x == 2) && (k1 > 1) && (s == 2))
                  {
                           System.out.print("DISPOSE SMALL CUP OF TEA");
                           System.out.print("\n");
                           k1 = k1 - 1;
                           x = 1;
                           return 1;
                  }
                  else if ((x == 2) && (k > 1) && (s == 1))
                           System.out.print("DISPOSE LARGE CUP OF TEA");
                           System.out.print("\n");
                           k = k - 1;
                           x = 1;
                           return 1;
                  else if ((x == 2) && (k == 1) && (s == 1))
                  {
                           System.out.print("DISPOSE LARGE CUP OF TEA");
                           System.out.print("\n");
                           k = k - 1;
                           x = 5;
```

```
}
                 else if ((x == 2) && (k1 == 1) && (s == 2))
                 {
                          System.out.print("DISPOSE SMALL CUP OF TEA");
                          System.out.print("\n");
                          k1 = k1 - 1;
                          x = 4;
                          return 1;
                 }
                 else if ((x == 3) && (k1 == 1) && (s == 2))
                          System.out.print("DISPOSE SMALL CUP OF TEA WITH SUGAR");
                          System.out.print("\n");
                          k1 = k1 - 1;
                          x = 4;
                          return 1;
                 else if ((x == 3) && (k == 1) && (s == 1))
                 {
                          System.out.print("DISPOSE LARGE CUP OF TEA WITH SUGAR");
                          System.out.print("\n");
                          k = k - 1;
                          x = 5;
                          return 1;
                 if ((x == 3) && (k1 > 1) && (s == 2))
                          System.out.print("DISPOSE SMALL CUP OF TEA WITH SUGAR");
                          System.out.print("\n");
                          k1 = k1 - 1;
                          x = 1;
                          return 1;
                 }
                 else if ((x == 3) \&\& (k > 1) \&\& (s == 1))
                          System.out.print("DISPOSE LARGE CUP OF TEA WITH SUGAR");
                          System.out.print("\n");
                          k = k - 1;
                          x = 1;
                          return 1;
                 return 0;
        }
        return 0;
public final int insert_large_cups(int n)
{
        if ((x == 1) && (n > 0))
        {
                 k = k + n;
                 return 1;
        else if ((x == 5) \&\& (n > 0))
        {
                 k = n;
                 x = 1;
```

return 1;

```
return 1;
         }
         return 0;
public final int insert_small_cups(int n)
         if ((x == 1) && (n > 0))
         {
                  k1 = k1 + n;
                  return 1;
         else if ((x == 4) \&\& (n > 0))
         {
                  k1 = n;
                  x = 1;
                  return 1;
         return 0;
public final int set_price(int p)
         if ((x == 1) && (p > 0))
                  price = p;
                  return 1;
         return 0;
public final int cancel()
{
         if ((x == 2) | | (x == 3))
                  System.out.print("RETURN COINS");
                  System.out.print("\n");
                  x = 1;
                  return 1;
         }
         return 0;
public final int dispose()
         if ((x == 1))
         {
                  System.out.print("SHUT DOWN");
                  System.out.print("\n");
                  x = 6;
                  return 1;
         }
         return 0;
}
```

}

#### **Test Driver:**

```
import java.util.Scanner;
public class TestDriver extends VendingMachine{
        public static void main(String[] args) {
                // TODO Auto-generated method stub
                VendingMachine vm = new VendingMachine();
                int largeCup = 0;
                int smallCup = 0;
                int price =0;
                System.out.println("------Sahil Chalke(A20354354)-----");
                System.out.println();
                System.out.println("Vending Machine");
                System.out.println("Please Select from below Option");
                System.out.println("1. Coin");
                System.out.println("2. Small Cup");
                System.out.println("3. Large Cup");
                System.out.println("4. Sugar");
                System.out.println("5. Tea");
                System.out.println("6. Insert Large Cups");
                System.out.println("7. Insert Small Cups");
                System.out.println("8. Set Price");
                System.out.println("9. Cancel");
                System.out.println("10. Dispose");
                System.out.println("11. Quit");
                System.out.println("------Testing Related Methods-----");
                System.out.println("12. Show Variables");
                Scanner sc = new Scanner(System.in);
                int input = sc.nextInt();
                while(input!=11)
                {
                         switch (input)
                        {
                         case 1:
                                 System.out.println("You selected Coin");
                                 System.out.println("Return value is: "+vm.coin());
                                 break;
                         case 2:
                                 System.out.println("You Selected Small Cup");
                                 System.out.println("Return value is: "+vm.small cup());
                                 break;
                         case 3:
                                 System.out.println("You selected Large Cup");
                                 System.out.println("Return value is: "+vm.large_cup());
                                 break;
                         case 4:
                                 System.out.println("You selected Sugar:");
```

```
System.out.println("Return value is: "+vm.sugar());
         break;
case 5:
        System.out.println("You selected Tea:");
         System.out.println("Return value is: "+vm.tea());
         break;
case 6:
        System.out.println("You selected Insert Large cups: ");
        System.out.println("Please enter the number of large cups: ");
         largeCup = sc.nextInt();
        System.out.println("Return Value is: "+vm.insert_large_cups(largeCup));
         break;
case 7:
         System.out.println("You selected Insert Small cups: ");
        System.out.println("Please enter the number of small cups: ");
        smallCup = sc.nextInt();
        System.out.println("Return Value is: "+vm.insert_small_cups(smallCup));
case 8:
        System.out.println("You selected Set Price: ");
        System.out.println("Please enter the price: ");
         price = sc.nextInt();
        System.out.println("Return Value is: "+vm.set_price(price));
         break;
case 9:
        System.out.println("You selected Cancel: ");
        System.out.println("Return Value is: "+vm.cancel());
        break:
case 10:
        System.out.println("You selected Dispose: ");
        System.out.println("Return Value is: "+vm.dispose());
         break;
case 12:
         System.out.println("The value of variables is: ");
        vm.showVariables();
        break;
default:System.out.println("Invalid input please try again");
}
System.out.println("------Sahil Chalke(A20354354)-----");
System.out.println();
System.out.println("Vending Machine");
System.out.println("Please Select from below Option");
System.out.println("1. Coin");
System.out.println("2. Small Cup");
System.out.println("3. Large Cup");
System.out.println("4. Sugar");
System.out.println("5. Tea");
System.out.println("6. Insert Large Cups");
```

#### Conclusion:

- On completion of this project I can conclude that the job of tester is the most important job in software industry. If the tester makes a small mistake, then this will lead to the software being released in the market with bugs.
- This will bring lot of criticism from the people who will be using this software.
- I have successfully designed the test methods and tested them successfully.
- Two Transition testing and mode based testing requires a lot of patience and understanding of the code.
- Ghost Transitions are usually not considered for testing. However, we should always test ghost transitions as well.
- I personally feel that we can automate 2 transition testing and testing of ghost transitions.