

	tea with sugar;k1=k1-1
28	coin/return coin
29	coin/return coin

1.Model-Based Testing : Transition Pair Testing

S.No	Transition
1	vending_machine/k1=0;k=0;T=0;price=0
2	insert_large_cups(n)[n>0]/k=k+n
3	insert_small_cups(n)[n>0]/k1=k1+n
4	set_price(p)[p>0]/ price=p
5	dispose
6	coin[t+25<price]/t=t+25
7	coin[(t+25>=price)&&(price>0)]/ s=0;T=0;
8	insert_large_cups(n)[n>0]/k=n
9	insert_small_cups(n)[n>0]/k1=n
10	cancel/return coins
11	tea[(k1>1)&&(s==2)]/dispose small cup of tea;k1=k1-1
12	tea[(k>1)&&(s==1)]/dispose large cup of tea;k=k-1
13	tea[(k>1)&&(s==1)]/dispose large cup of tea with sugar;k=k-1
14	cancel/return coins
15	tea[(k1>1)&&(s==2)]/dispose small cup of tea with sugar;k1=k1-1
16	coin/return coin
17	small_cup/s=2
18	large_cup/s=1
19	large_cup/s=2
20	coin/return coin
21	small_cup/s=2
22	sugar
23	sugar
24	tea[(k==1)&&(s==1)]/dispose large cup of tea;k=k-1
25	tea[(k1==1)&&(s==2)]/dispose small cup of tea;k1=k1-1
26	tea[(k==1)&&(s==1)]/dispose large cup of tea with sugar;k=k-1
27	tea[(k1==1)&&(s==2)]/dispose small cup of

Transition pairs for state idle

State: idle		
incoming	incoming	outgoing
1	9	2
2	10	3
3	11	4
4	12	5
6	13	6
8	14	7
	15	

Transition Pairs					
(1,2)	(1,3)	(1,4)	(1,5)	(1,6)	(1,7)
(2,2)	(2,3)	(2,4)	(2,5)	(2,6)	(2,7)
(3,2)	(3,3)	(3,4)	(3,5)	(3,6)	(3,7)
(4,2)	(4,3)	(4,4)	(4,5)	(4,6)	(4,7)
(6,2)	(6,3)	(6,4)	(6,5)	(6,6)	(6,7)
(8,2)	(8,3)	(8,4)	(8,5)	(8,6)	(8,7)
(9,2)	(9,3)	(9,4)	(9,5)	(9,6)	(9,7)
(10,2)	(10,3)	(10,4)	(10,5)	(10,6)	(10,7)
(11,2)	(11,3)	(11,4)	(11,5)	(11,6)	(11,7)
(12,2)	(12,3)	(12,4)	(12,5)	(12,6)	(12,7)
(13,2)	(13,3)	(13,4)	(13,5)	(13,6)	(13,7)
(14,2)	(14,3)	(14,4)	(14,5)	(14,6)	(14,7)
(15,2)	(15,3)	(15,4)	(15,5)	(15,6)	(15,7)

Transition pairs for state coins inserted

State: coins inserted		
incoming	outgoing	outgoing
7	10	21
19	11	22
20	12	24

21	19	25
23	20	

Transition Pairs				
(7,10)	(19,10)	(20,10)	(21,10)	(23,10)
(7,11)	(19,11)	(20,11)	(21,11)	(23,11)
(7,12)	(19,12)	(20,12)	(21,12)	(23,12)
(7,19)	(19,19)	(20,19)	(21,19)	(23,19)
(7,20)	(19,20)	(20,20)	(21,20)	(23,20)
(7,21)	(19,21)	(20,21)	(21,21)	(23,21)
(7,22)	(19,22)	(20,22)	(21,22)	(23,22)
(7,24)	(19,24)	(20,24)	(21,24)	(23,24)
(7,25)	(19,25)	(20,25)	(21,25)	(23,25)

Transition pairs for state no large cups

State: no large cups	
incoming	outgoing
24	8
26	29
29	

Transition Pairs		
(24,8)	(26,8)	(29,8)
(24,29)	(26,29)	(29,29)

Transition pairs for state no small cups

State: no small cups	
incoming	outgoing
25	9
27	28
28	

Transition Pairs		
(25,9)	(27,9)	(28,9)
(25,28)	(27,28)	(28,28)

Transition pairs for state sugar

State: sugar		
incoming	outgoing	outgoing
16	13	17
17	14	18

18	15	23
22	16	26
		27

Transition Pairs			
(16,13)	(17,13)	(18,13)	(22,13)
(16,14)	(17,14)	(18,14)	(22,14)
(16,15)	(17,15)	(18,15)	(22,15)
(16,16)	(17,16)	(18,16)	(22,16)
(16,17)	(17,17)	(18,17)	(22,17)
(16,18)	(17,18)	(18,18)	(22,18)
(16,23)	(17,23)	(18,23)	(22,23)
(16,26)	(17,26)	(18,26)	(22,26)
(16,27)	(17,27)	(18,27)	(22,27)

TestCase	Transition Pairs Covered	Sequence of transitions	Test Case # in TS.txt
insert_large_cups(2),insert_small_cups(1),set_price(100),coin(),set_price(50),coin(),coin(),coin(),large_cup(),large_cup(),sugar(),coin(),coin(),small_cup(),small_cup(),large_cup(),large_cup(),tea(),coin(),coin(),cancel(),set_price(5),set_price(10),insert_large_cups(1),insert_large_cups(1),set_price(500),coin(),dispense()	(1,2),(2,2),(2,3) (3,4) (4,4) (6,4) (4,2) (6,5) (2,4) (4,6) (10,4) (4,7) (6,7) (13,6) (7,10) (7,20) (19,19) (19,22) (20,19) (20,20) (18,13) (16,16) (16,17) (17,17) (17,18) (18,18) (22,16)	T1,T2,T3,T4,T6,T4,T7,T20,T20,T19,T19,T22,T16,T16,T17,T17,T18,T18,T13,T6,T7,T10,T4,T4,T2,T2,T4,T6,T5	1
insert_small_cups(1),set_price(60),insert_small_cups(1),coin(),coin(),sugar(),sugar(),small_cup()	(1,3) (4,3) (9,2) (15,4) (8,5) (3,6) (6,6) (2,7) (10,7) (7,19)	T1,T3,T4,T3,T6,T6,T7,T22,T23,T21,T21,T22,T15,T	2

p(),small_cup(),sugar(),tea(),set_price(5),coin(),small_cup(),coin(),sugar(),tea(),coin(),coin(),insert_small_cups(1),insert_large_cups(1),coin(),large_cup(),coin(),cancel(),coin(),small_cup(),large_cup(),sugar(),tea(),coin(),coin(),insert_large_cups(1),dispose()	(20,10) (19,20) (21,19) (21,20) (21,21) (21,22) (7,21) (7,22) (20,22) (23,21) (22,15) (22,23) (22,26) (22,27) (28,9) (28,28) (27,28) (29,8) (29,29) (26,29)	4,T7,T21, T20,T22,T 27,T28,T2 8,T9,T2,T 7,T19,T20, T10,T7,T2 1,T19,T22, T26,T29,T 29,T8,T5	
set_price(50),insert_small_cups(1),insert_large_cups(1),coin(),insert_small_cups(1),insert_small_cups(1),coin(),large_cup(),small_cup(),sugar(),cancel(),set_price(25),coin(),coin(),small_cup(),tea(),set_price(5),coin(),sugar(),small_cup(),coin(),large_cup(),tea(),insert_large_cups(1),insert_small_cups(1),dispose()	(1,4) (2,6) (3,2) (3,3) (8,3) (3,7) (11,4) (14,4) (21,11) (19,21) (20,21) (17,16) (22,14) (22,17) (16,18) (18,26) (26,8)(3,5)	T1,T4,T3, T2,T6,T3, T3,T7,T19 ,T21,T22, T14,T4,T7 ,T20,T21, T11,T4,T7 ,T22,T17, T16,T18,T 26,T8,T3, T5	3
set_price(50),insert_large_cups(1),coin(),coin(),cancel(),coin(),insert_large_cups(1),coin(),large_cup(),sugar(),tea(),insert_small_cups(1),coin(),coin(),large_cup(),tea(),insert_large_cups(1),	(6,2) (8,6) (10,6) (13,3) (19,24) (23,22) (23,24) (22,13) (24,8) (24,29) (22,18) (18,16)	T1,T4,T 2,T6,T7, T10,T6, T2,T7,T 19,T22, T13,T3, T6,T7,T 19,T24, T8,T6,T 7,T19,T 24,T8,T	4

coin(),coin(),sugar(),large_cup(),coin(),sugar(),sugar(),sugar(),tea(),coin(),insert_large_cups(1),coin(),coin(),sugar(),cancel(),dispose()	(16,23) (22,18)(14,5)	6,T7,T2 2,T18,T 16,T23, T22,T23 ,T24,T2 9,T8,T6, T7,T22, T14,T5	
set_price(5),coin(),cancel(),insert_small_cups(1),coin(),small_cup(),coin(),tea(),insert_small_cups(1),insert_small_cups(1),coin(),small_cup(),coin(),tea(),insert_small_cups(1),coin(),sugar(),small_cup(),tea(),coin(),sugar(),small_cup(),tea(),insert_small_cups(1),dispose()	(9,3) (10,3) (11,3) (9,5) (15,7) (20,11) (20,25) (17,15) (17,27) (25,9) (27,9)	T1,T4,T7, T10,T3,T7 ,T21,T20, T25,T9,T3 ,T7,T21,T 20,T11,T3, T7,T22,T1 7,T15,T7, T22,T17,T 27,T9,T	5
set_price(50),coin(),insert_small_cups(1),insert_small_cups(1),set_price(10),coin(),sugar(),small_cup(),cancel(),coin(),sugar(),small_cup(),coin(),tea(),coin(),coin(),sugar(),small_cup(),sugar(),coin(),tea(),insert_small_cups(1),coin(),cancel(),coin(),small_cup(),sugar(),sugar(),tea(),insert_small_cups(1),coin(),sugar(),sugar(),cancel(),insert_small_cups(1),coin(),small_cup(),sugar(),tea(),dispose()	(6,3) (9,6) (14,7) (15,6) (21,25) (16,15) (17,14) (17,23) (16,27),(25,28),(9,4) (21,10) (23,25) (9,7) (23,10) (23,11) (11,5)	T1,T4,T6, T3,T3,T4, T7,T22,T1 7,T14,T7, T22,T17,T 16,T15,T6, T7,T22,T1 7,T23,T22, T16,T27,T 9,T6,T7,T 21,T25,T9, T4,T7,T21 ,T10,T7,T 21,T22,T2 3,T25,T9, T7,T22,T2 3,T10,T3, T7,T21,T2 2,T23,T11, T5	6

set_price(5),coin(), large_cup(),cancel(),ins ert_large_cups(1),coin() ,sugar(),large_cup(),sma ll_cup(),large_cup(),coi n(),tea(),insert_large_cu ps(1),insert_large_cups(1),coin(),sugar(), large_cup(),sugar(), large_cup(),sugar(),coin (),tea(),coin(),sugar(),co in(),cancel(), insert_large_cups(1),coi n(),large_cup(),coin(),te a(),insert_large_cups(1) ,coin(),large_cup(),tea() ,coin(),large_cup(),coin(,tea(),insert_large_cups (3),coin(),large_cup(),te a(),dispose()	(10,2) (18,17) (19,10) (16,26) (8,2) (18,23) (23,19) (16,13) (13,7) (16,14),(14,2) (20,12) (12,2),(12,7), (20,24)(12,5)	T1,T4,T7, T19,T10,T 2,T7,T22, T18,T17,T 18,T16,T2 6,T8,T2,T 7,T22,T18, T23,T19,T 22,T16,T1 3,T7,T22, T16,T14,T 2,T7,T19, T20,T12,T 2,T7,T19, T12,T7,T1 9,T20,T24, T8,T7,T19 ,T12,T5	7
set_price(5),insert_large _cups(2),coin(),sugar(),l arge_cup(),tea(),insert_l arge_cups(3),coin(),sug ar(),sugar(),coin(),large _cup(),sugar(),sugar(),te a(),insert_small_cups(1) ,coin(),sugar(),large_cu p(),tea(),set_price(10),c oin(),sugar(),large_cup(,tea(),dispose()	(13,2) (23,12) (23,20) (12,3) (13,4) (13,5)	T1,T4,T2, T7,T22,T1 8,T13,T2, T7,T22,T2 3,T20,T19, T22,T23,T 12,T3,T7, T22,T18,T 13,T4,T7, T22,T18,T 13,T5	8
set_price(5),insert_small _cups(2), coin(),sugar(),small_cu p(),tea(),insert_small_c ups(2),insert_large_cup s(3),coin(),small_cup(),t ea(),coin(),large_cup(),t ea(),set_price(50), coin(),coin(),sugar(),sm all_cup(),tea(),insert_lar ge_cups(1),insert_small _cups(1),coin(),coin(),s	(18,14) (4,5) (12,4) (11,6) (12,6) (11,7) (14,6) (15,2) (15,3)	T1,T4,T3, T7,T22,T1 7,T15,T3, T2,T7,T21 ,T11,T7,T 19,T12,T4, T6,T7,T22 ,T17,T15, T2,T3,T6, T7,T21,T1 1,T6,T7,T 22,T18,T1	9

mall_cup(),tea(),coin(),c oin(),sugar(),large_cup(,cancel(),coin(),coin(),l arge_cup(),tea(),coin(),s et_price(150),dispose()		4,T6,T7,T 19,T12,T6, T4,T5	
insert_large_cups(1),set _price(5),coin(),large_c up(),tea(),insert_large_c ups(1),coin(),large_cup(,tea(),insert_large_cups (3),set_price(10),coin(), sugar(),cancel(),insert_s mall_cups(2),coin(),sma ll_cup(),tea(),insert_larg e_cups(1),dispose()	(8,4) (8,7) (14,3) (11,2) (2,5)	T1,T2,T4, T7,T19,T2 4,T8,T7,T 19,T24,T8, T4,T7,T22 ,T14,T3,T 7,T21,T11, T2,T5	10
insert_small_cups(2),set _price(5),coin(),sugar(), small_cup(),tea(),dispos e()	(15,5)	T1,T3,T4, T7,T22,T1 7,T15,T5	11
set_price(5),coin(),canc el(),dispose()	(10,5)	T1,T4,T7, T10,T5	12
dispose()	(1,5)	T1,T5	13

Not possible:

(1,6)	(1,7)	1 sets price to 0, 6 needs 25<price which is never true, 7 needs price>0
(7,11)	(7,24)	as s=0 at 7
(7,12)	(7,25)	
(19,11)	(19,25)	as s=1 at 19
(21,12)	(21,24)	as s=2 at 21
(17,13)	(17,26)	as s=2 at 17
(18,15)	(18,27)	as s=1 at 18

2. Ghost/Default Transition Testing :

STAT E	TEST CASE	TestCase # in TS.txt	Comments
idle	small_cup(),lar ge_cup(),sugar(14	

),tea(),insert_large_cups(0),insert_small_cups(0),set_price(0),cancel()		
coins inserted	set_price(5),coin(),insert_large_cups(2),insert_small_cups(2),set_price(50),dispose(),tea()	15	tea() is ghost transition when all the conditions are false,i.e $\neg([(k1>1)\&\&(s==2)]\&\&[(k>1)\&\&(s==1)]\&\&[(k==1)\&\&(s==1)]\&\&[(k1==1)\&\&(s==2)])$, also cancel is not a ghost transition for this state, if it is selected the state changes to "idle"
sugar	set_price(5),coin(),sugar(),insert_large_cups(2),insert_small_cups(2),set_price(50),dispose(),tea()	16	tea() is ghost transition when all the conditions are false,i.e $\neg([(k1>1)\&\&(s==2)]\&\&[(k>1)\&\&(s==1)]\&\&[(k==1)\&\&(s==1)]\&\&[(k1==1)\&\&(s==2)])$, also cancel is not a ghost transition for this state, if it is selected the state changes to "idle"
no small cups	set_price(5),insert_small_cups(1),coin(),small_cup(),tea(),insert_large_cups(2),insert_small_cups(0),set_price	17	

	(50),dispose(),small_cup(),large_cup(),sugar(),cancel(),tea()		
no large cups	set_price(5),insert_large_cups(1),coin(),large_cup(),tea(),insert_small_cups(2),insert_large_cups(0),set_price(50),dispose(),small_cup(),large_cup(),sugar(),cancel(),tea()	18	

3. Multiple Condition Testing :

- **int VendingMachine::coin()**

1.if (x==1)

Covered in testcase # in TS.txt	Branch result
5	T
1	F

2.if ((t+25>=price)&&(price>0))

(t+25>=price)	(price>0)	Covered in testcase # in TS.txt
T	T	5
T	F	not possible as price is initially 0 and set_price always sets it >0
F	T	1
F	F	not possible

3.if(t+25<price)

Covered in testcase # in TS.txt	Branch result
1	T

4.if ((x>1)&&(x<6))

(x>1)	(x<6)	Covered in testcase # in TS.txt
T	T	1
T	F	not possible as maximum x=5 in the

		program, excluding x=6 at dispose
F	T	not possible
F	F	not possible

- **int VendingMachine::small_cup()**

if ((x==2)|| (x==3))

(x==2)	(x==3)	Covered in testcase # in TS.txt
T	T	not possible as x can't have two values
T	F	3
F	T	1
F	F	not possible

- **int VendingMachine::large_cup()**

if ((x==2)|| (x==3))

(x==2)	(x==3)	Covered in testcase # in TS.txt
T	T	not possible as x can't have two values
T	F	1
F	T	3
F	F	not possible

- **int VendingMachine::sugar()**

if ((x==2)|| (x==3))

(x==2)	(x==3)	Covered in testcase # in TS.txt
T	T	not possible as x can't have two values
T	F	1
F	T	1
F	F	not possible

- **int VendingMachine::tea()**

1.if ((x==2)|| (x==3))

(x==2)	(x==3)	Covered in testcase # in TS.txt
T	T	not possible as x can't have two values
T	F	1
F	T	2
F	F	not possible

2.if((x==2)&&(k1>1)&&(s==2))

(x==2)	(k1>1)	(s==2)	Covered in testcase # in TS.txt
T	T	T	6
T	T	F	3
T	F	T	6
T	F	F	1
F	T	T	2
F	T	F	3
F	F	T	2
F	F	F	1

3.else if ((x==2)&&(k>1)&&(s==1))

(x==2)	(k>1)	(s==1)	Covered in testcase # in TS.txt
T	T	T	7
T	T	F	9
T	F	T	4
T	F	F	3
F	T	T	8
F	T	F	9
F	F	T	2
F	F	F	19

Test case	sequence of transitions	Covered in testcase # in TS.txt
insert_large_cups(1),set_price(5),coin(),sugar(),small_cup(),large_cup(),tea(),insert_large_cups(0)	T2,T4,T7,T2,T17,T18,T26,T8	19

4.else if ((x==2)&&(k==1)&&(s==1))

(x==2)	(k==1)	(s==1)	Covered in testcase # in TS.txt
T	T	T	4
T	T	F	3
T	F	T	7
T	F	F	9
F	T	T	2
F	T	F	19
F	F	T	8

F	F	F	9
---	---	---	---

5.else if ((x==2)&&(k1==1)&&(s==2))

(x==2)	(k1==1)	(s==2)	Covered in testcase # in TS.txt
T	T	T	6
T	T	F	1
T	F	T	11
T	F	F	3
F	T	T	2
F	T	F	1
F	F	T	2
F	F	F	3

6.else if ((x==3)&&(k1==1)&&(s==2))

(x==3)	(k1==1)	(s==2)	Covered in testcase # in TS.txt
T	T	T	2
T	T	F	1
T	F	T	2
T	F	F	3
F	T	T	6
F	T	F	1
F	F	T	11
F	F	F	3

7.else if ((x==3)&&(k==1)&&(s==1))

(x==3)	(k==1)	(s==1)	Covered in testcase # in TS.txt
T	T	T	2
T	T	F	19
T	F	T	8
T	F	F	9
F	T	T	4
F	T	F	3
F	F	T	7
F	F	F	9

8.if((x==3)&&(k1>1)&&(s==2))

(x==3)	(k1>1)	(s==2)	Covered in
--------	--------	--------	------------

			testcase # in TS.txt
T	T	T	2
T	T	F	3
T	F	T	2
T	F	F	1
F	T	T	6
F	T	F	3
F	F	T	6
F	F	F	1

9.else if ((x==3)&&(k>1)&&(s==1))

(x==3)	(k>1)	(s==1)	Covered in testcase # in TS.txt
T	T	T	8
T	T	F	9
T	F	T	2
T	F	F	19
F	T	T	7
F	T	F	9
F	F	T	4
F	F	F	3

- **int VendingMachine::insert_large_cups(int n)**

1.if ((x==1)&&(n>0))

(x==1)	n>0	Covered in testcase # in TS.txt
T	T	1
T	F	14
F	T	4
F	F	19

2.else if ((x==5)&&(n>0))

(x==5)	n>0	Covered in testcase # in TS.txt
T	T	4
T	F	19
F	T	not possible
F	F	not possible

- **int VendingMachine::insert_small_cups(int n)**

1.if ((x==1)&&(n>0))

(x==1)	n>0	Covered in testcase # in TS.txt
T	T	2
T	F	14
F	T	5
F	F	20

Test case	sequence of transitions	Covered in testcase # in TS.txt
insert_small_cups(1),set_price(5),coin(),small_cup(),tea(),insert_small_cups(0)	T2,T4,T7,T21,T25,T9	20

2.else if ((x==4)&&(n>0))

(x==4)	n>0	Covered in testcase # in TS.txt
T	T	5
T	F	20
F	T	not possible
F	F	not possible

- **int VendingMachine::set_price(int p)**
if ((x==1)&&(p>0))

(x==1)	p>0	Covered in testcase # in TS.txt
T	T	3
T	F	14
F	T	not possible
F	F	not possible

- **int VendingMachine::cancel()**
if ((x==2)|| (x==3))

(x==2)	(x==3)	Covered in testcase # in TS.txt
T	T	not possible as x can't have two values
T	F	4
F	T	4
F	F	not possible

- **int VendingMachine::dispose()**
if ((x==1))

4. Test Output :

The following result is achieved by executing the testcases provided in TS.txt file by TestDriver

TestCase#1 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
- Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

6
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
1
Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()

6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

8
set_price(int n) Method
Enter the price
100

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

```

15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
RETURN COIN
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
1
*****
*****

```

```

TEST DRIVER FOR Vending Machine
*****
*****

```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

```

Select a choice :
1
coin() Method
RETURN COIN
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

```

TEST DRIVER FOR Vending Machine

```

*****
*****
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

```

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

```

Select a choice :
3
large_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

```

```

TEST DRIVER FOR Vending Machine
*****
*****

```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

```

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
3
large_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

```

```

TEST DRIVER FOR Vending Machine
*****
*****

```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

```

*****
*****

```

TEST DRIVER FOR Vending Machine

```

*****
*****

```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

```

*****
*****

```

TEST DRIVER FOR Vending Machine

```

*****
*****

```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

```

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
RETURN COIN
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
2
small_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine

```

```

*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
2
small_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()

```

```

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
3
large_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
3
large_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
tea() Method
DISPOSE LARGE CUP OF TEA WITH SUGAR
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```

```

*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

```

```

10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
9
cancel() Method
RETURN COINS
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```

```

*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
8
set_price(int n) Method
Enter the price
5
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

```

```
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
```

```
8
set_price(int n) Method
Enter the price
10
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****
```

```
TEST DRIVER FOR Vending Machine
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
6
insert_large_cups(int n) Method
```

```
Enter the number of large cups to be inserted
1
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
```

```
6
insert_large_cups(int n) Method
Enter the number of large cups to be inserted
1
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
```



```

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
8
set_price(int n) Method
Enter the price
500
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :

```

```

1
coin() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
10
dispose() Method
SHUT DOWN
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
TestCase#2 :
*****
*****

CS 589 Fall 2016 PROJECT
*****
*****

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

60

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

```

7
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
1
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
1
Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()

```

```

*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
1
coin() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()

```

```
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
```

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
```

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
```

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
```

```

14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
2
small_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
2
small_cup() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()

```

```

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
4
sugar() Method
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
a
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

```

15. displaySelection()
16. Quit Vending Machine Class Driver
Select a choice :
5
tea() Method
DISPOSE SMALL CUP OF TEA WITH SUGAR
Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8
set_price(int n) Method
Enter the price
5

Returned value is : 1
PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6
insert_large_cups(int n) Method
Enter the number of large cups to be inserted
1
Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
1
Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2
small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

25

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
2
small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

```
*****
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TestCase#4 :

```
*****
*****
*****
CS 589 Fall 2016 PROJECT
*****
*****
```

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

```
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

2

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

3

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method
RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method
SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#5:

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10
dispose() Method
SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TestCase#6 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

10

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

q

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

4

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

2

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

25

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

q

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

2

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2
small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()


```
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

```
7
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
1
```

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```
a
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
```

```
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

```
1
coin() Method
```

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```
a
*****
*****

TEST DRIVER FOR Vending Machine
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2
small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

tea() Method
DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method
SHUT DOWN

Returned value is : 1

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

4

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#7 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
TEST DRIVER FOR Vending Machine
```

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

k

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6
insert_large_cups(int n) Method
Enter the number of large cups to be inserted
1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
3
large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....
a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

- 14. displayTotalLargeCups()
- 15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 4
- sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

- 1. coin()
- 2. small_cup()
- 3. large_cup()
- 4. sugar()
- 5. tea()
- 6. insert_large_cups(int n)
- 7. insert_small_cups(int n)
- 8. set_price(int n)
- 9. cancel()
- 10. dispose()

Testing Related Methods

- 11. displayState()
- 12. displayPrice()
- 13. displayTotalSmallCups()
- 14. displayTotalLargeCups()
- 15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 1
- coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

- 1. coin()
- 2. small_cup()
- 3. large_cup()
- 4. sugar()
- 5. tea()
- 6. insert_large_cups(int n)
- 7. insert_small_cups(int n)
- 8. set_price(int n)
- 9. cancel()
- 10. dispose()

Testing Related Methods

- 11. displayState()
- 12. displayPrice()
- 13. displayTotalSmallCups()
- 14. displayTotalLargeCups()
- 15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()


```
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

```
3
large_cup() Method
```

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```
a
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
```

```
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

```
1
coin() Method
```

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```
a
*****
*****
TEST DRIVER FOR Vending Machine
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

3

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

s

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

```
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
```

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#8 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6
insert_large_cups(int n) Method

Enter the number of large cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 4
- sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 3
- large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

3

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

1

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

RETURN COIN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

10

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TestCase#9 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

f

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

s

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

3

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
2
small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()

6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()

6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

```
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
```

```
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
*****
```

TEST DRIVER FOR Vending Machine

```
*****
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

150

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TestCase#10 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()

13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 6
- insert_large_cups(int n) Method
- Enter the number of large cups to be inserted
- 3

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()

6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 8
- set_price(int n) Method
- Enter the price
- 10

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#11 :

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PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1
coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4
sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

```
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#12 :

```
*****
*****
```

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```
*****
*****
```

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

```
*****
```

```
*****
```

TEST DRIVER FOR Vending Machine

```
*****
```

```
*****
```

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

```
*****
```

```
*****
```

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

RETURN COINS

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

```
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TestCase#13 :

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PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

```
1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()
```

Testing Related Methods

```
11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
```

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

SHUT DOWN

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TestCase#14 :

CS 589; Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 6
- insert_large_cups(int n) Method
- Enter the number of large cups to be inserted
- 0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 7
- insert_small_cups(int n) Method
- Enter the number of small cups to be inserted
- 0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#15 :

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PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()

10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)

8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 6
- insert_large_cups(int n) Method
- Enter the number of large cups to be inserted
- 2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

- 7
- insert_small_cups(int n) Method
- Enter the number of small cups to be inserted
- 2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TestCase#16 :

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PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
10

dispose() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :
5
tea() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TestCase#17 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()

5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7
insert_small_cups(int n) Method
Enter the number of small cups to be inserted
0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8
set_price(int n) Method
Enter the price
50

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10
dispose() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()

14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2
small_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

sugar() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

Returned value is : 0

Select a choice :

3

large_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TestCase#18 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

2

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

50

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

10

dispose() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)

9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

9

cancel() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TestCase#19 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()

2. small_cup()

3. large_cup()

4. sugar()

5. tea()

6. insert_large_cups(int n)

7. insert_small_cups(int n)

8. set_price(int n)

9. cancel()

10. dispose()

Testing Related Methods

11. displayState()

12. displayPrice()

13. displayTotalSmallCups()

14. displayTotalLargeCups()

15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

4

sugar() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

3

large_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()

3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE LARGE CUP OF TEA WITH SUGAR

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)

7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

6

insert_large_cups(int n) Method

Enter the number of large cups to be inserted

0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TestCase#20 :

CS 589 Fall 2016 PROJECT

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()
4. sugar()
5. tea()
6. insert_large_cups(int n)
7. insert_small_cups(int n)
8. set_price(int n)
9. cancel()
10. dispose()

Testing Related Methods

11. displayState()
12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

1

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

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Testing Related Methods

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12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

8

set_price(int n) Method

Enter the price

5

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS
ENTER TO CONTINUE.....

a

TEST DRIVER FOR Vending Machine

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Testing Related Methods

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12. displayPrice()
13. displayTotalSmallCups()
14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

1

coin() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
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5. tea()
6. insert_large_cups(int n)
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Testing Related Methods

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14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

2

small_cup() Method

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
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5. tea()
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7. insert_small_cups(int n)
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9. cancel()
10. dispose()

Testing Related Methods

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14. displayTotalLargeCups()
15. displaySelection()
16. Quit Vending Machine Class Driver

Select a choice :

5

tea() Method

DISPOSE SMALL CUP OF TEA

Returned value is : 1

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

TEST DRIVER FOR Vending Machine

1. coin()
2. small_cup()
3. large_cup()

4. sugar()
 5. tea()
 6. insert_large_cups(int n)
 7. insert_small_cups(int n)
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 9. cancel()
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 Testing Related Methods
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 13. displayTotalSmallCups()
 14. displayTotalLargeCups()
 15. displaySelection()

16. Quit Vending Machine Class Driver

Select a choice :

7

insert_small_cups(int n) Method

Enter the number of small cups to be inserted

0

Returned value is : 0

PLEASE TYPE ANY CHARACTER AND PRESS

ENTER TO CONTINUE.....

Test case	Status
1	Passed
2	Passed
3	Passed
4	Passed
5	Passed
6	Passed
7	Passed
8	Passed
9	Passed
10	Passed

11	Passed
12	Passed
13	Passed
14	Passed
15	Passed
16	Passed
17	Passed
18	Passed
19	Passed
20	Passed

5. Conclusion

This project helped me in understanding the concepts taught in class practically. In spite of being from a testing background this project helped me in getting in-depth knowledge of testing methodologies and importance of testing schemes.

For all the testing methods implemented : Model Based Testing, Ghost Transition Testing and Multiple branch testing I learned that how important it is to consider all the scenarios even for the small piece of code. Executing these testcases manually helped me in understanding the methods deeply.

For automation, a program can be written which takes input from the TS.txt file and executes them to generate the output.

6. Source Code

1. VendingMachine.cpp

(Note: 1. In the original class, testing oriented methods are added. These methods are removed once testing is done. The following source code includes these methods.
 2. A separate VendingMachine.h is created just for the execution purpose.)

```
#include<iostream>
```

```
#include "VendingMachine.h"
```

```
using namespace std;
```

```
VendingMachine::VendingMachine() {  
    k1=0;  
    k=0;  
    t=0;  
    price=0;  
    x=1;  
}
```

```
int VendingMachine::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)) {  
        cout<<"RETURN COIN"<<endl;  
        return 1;  
    }  
    return 0;  
}
```

```
int VendingMachine::small_cup() {  
    if ((x==2)|| (x==3)) {  
        s=2;  
        return 1;  
    }  
    return 0;  
}
```

```
int VendingMachine::large_cup() {  
    if ((x==2)|| (x==3)) {
```

```
        s=1;  
        return 1;  
    }  
    return 0;  
}
```

```
int VendingMachine::sugar() {  
    if ((x==2)|| (x==3)) {  
        if (x==2) x=3;  
        else x=2;  
        return 1;  
    }  
    return 0;  
}
```

```
int VendingMachine::tea() {  
    if ((x==2)|| (x==3)) {  
        if ((x==2)&&(k1>1)&&(s==2)) {  
            cout<<"DISPOSE SMALL CUP  
OF TEA"<<endl;  
            k1=k1-1;  
            x=1;  
            return 1;  
        }  
        else if ((x==2)&&(k>1)&&(s==1)) {  
            cout<<"DISPOSE LARGE CUP  
OF TEA"<<endl;  
            k=k-1;  
            x=1;  
            return 1;  
        }  
        else if ((x==2)&&(k==1)&&(s==1)) {  
            cout<<"DISPOSE LARGE CUP  
OF TEA"<<endl;  
            k=k-1;  
            x=5;  
            return 1;  
        }  
        else if ((x==2)&&(k1==1)&&(s==2)) {  
            cout<<"DISPOSE SMALL CUP  
OF TEA"<<endl;  
            k1=k1-1;
```

```

        x=4;
        return 1;
    }
    else if ((x==3)&&(k1==1)&&(s==2)) {
        cout<<"DISPOSE SMALL CUP
OF TEA WITH SUGAR"<<endl;
        k1=k1-1;
        x=4;
        return 1;
    }
    else if ((x==3)&&(k==1)&&(s==1)) {
        cout<<"DISPOSE LARGE CUP
OF TEA WITH SUGAR"<<endl;
        k=k-1;
        x=5;
        return 1;
    }
    if((x==3)&&(k1>1)&&(s==2)) {
        cout<<"DISPOSE SMALL CUP
OF TEA WITH SUGAR"<<endl;
        k1=k1-1;
        x=1;
        return 1;
    }
    else if ((x==3)&&(k>1)&&(s==1)) {
        cout<<"DISPOSE LARGE CUP
OF TEA WITH SUGAR"<<endl;
        k=k-1;
        x=1;
        return 1;
    }
    return 0;
}
}

```

```

int VendingMachine::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 0;
}

int VendingMachine::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;
}

int VendingMachine::set_price(int p) {
    if ((x==1)&&(p>0)) {
        price=p;
        return 1;
    }
    return 0;
}

int VendingMachine::cancel() {
    if ((x==2)||x==3)) {
        cout<<"RETURN COINS"<<endl;
        x=1;
        return 1;
    }
    return 0;
}

int VendingMachine::dispose() {
    if ((x==1)) {
        cout<<"SHUT DOWN"<<endl;
        x=6;
        return 1;
    }

```

```

        return 0;
    }

void VendingMachine::displayState() {
    switch(x)
    {
        case 1 : cout<<"State idle"<<endl;
                break;

        case 2 : cout<<"State coins inserted"<<endl;
                break;

        case 3 : cout<<"State sugar"<<endl;
                break;

        case 4 : cout<<"State no small cups"<<endl;
                break;
        case 5 : cout<<"State no large cups"<<endl;
                break;
    }
};

```

```

void VendingMachine::displayPrice() {
    cout<<"Price : "<<price<<"t:"<<t<<endl;
};

```

```

void VendingMachine::displayTotalSmallCups() {
    cout<<"Total Small Cups : "<<k1<<endl;
};

```

```

void VendingMachine::displayTotalLargeCups() {
    cout<<"Total Large Cups : "<<k<<endl;
};

```

```

void VendingMachine::displaySelection() {
    cout<<"Selected cup : "<<s<<endl;
}

```

```

2. VendingMachine.h
class VendingMachine {

public:

```

```

    VendingMachine() ;
    int coin();
    int small_cup() ;
    int large_cup();
    int sugar();
    int tea();
    int insert_large_cups(int);
    int insert_small_cups(int);
    int set_price(int p);
    int cancel() ;
    int dispose() ;
    void displayState();
    void displayPrice();
    void displayTotalSmallCups();
    void displayTotalLargeCups();
    void displaySelection();

```

```

private:
    int x;
    int price;
    int k;
    int k1;
    int t;
    int s;

```

```

};
3. testDriver.cpp
#include <iostream>
#include <stdio.h>
#include <string.h>
#include "VendingMachine.h"

```

```

void PutLines(int n)
{
    int i;
    for (i=1;i<n;i++)
        std::cout<<std::endl;
}

```

```

void clearscreen()
{
    PutLines(40);
}

```

```

}

void cont()
{
char key;
std::cout<<" "<<std::endl;
std::cout<<"PLEASE TYPE ANY CHARACTER AND
PRESS ENTER TO CONTINUE....."<<std::endl;
std::cin>>key;
}

int main()
{
int temp;
int l,s,pr;
int ch;
clearscreen();
std::cout <<
"*****
*****" <<std::endl;
std::cout << "          CS 589 PROJECT Fall 2016"
<<std::endl;
std::cout <<
"*****
*****" <<std::endl;
PutLines(3);
cont();

VendingMachine VM;
do
{

clearscreen();
std::cout <<
"*****
*****" <<std::endl;
std::cout<<"TEST DRIVER FOR Vending
Machine"<<std::endl;
std::cout <<
"*****
*****" <<std::endl;

```

```

std::cout<<" "<<std::endl;
std::cout<<"1. coin()"<<std::endl;
std::cout<<"2. small_cup()"<<std::endl;
std::cout<<"3. large_cup()"<<std::endl;
std::cout<<"4. sugar()"<<std::endl;
std::cout<<"5. tea()"<<std::endl;
std::cout<<"6. insert_large_cups(int
n)"<<std::endl;
std::cout<<"7. insert_small_cups(int
n)"<<std::endl;
std::cout<<"8. set_price(int n)"<<std::endl;
std::cout<<"9. cancel()"<<std::endl;
std::cout<<"10. dispose()"<<std::endl;
std::cout<<" "<<std::endl;
std::cout<<"Testing Related
Methods"<<std::endl;
std::cout<<"11. displayState()"<<std::endl;
std::cout<<"12. displayPrice()"<<std::endl;
std::cout<<"13.
displayTotalSmallCups()"<<std::endl;
std::cout<<"14.
displayTotalLargeCups()"<<std::endl;
std::cout<<"15. displaySelection()"<<std::endl;
std::cout<<" "<<std::endl;
std::cout<<"16. Quit Vending Machine Class
Driver"<<std::endl;
PutLines(5);
std::cout<<"Select a choice : "<<std::endl;
std::cin>>ch;

switch(ch)
{

case 1 : clearscreen();
std::cout<<"coin()
Method"<<std::endl;
std::cout<<" "<<std::endl;
temp=VM.coin();
std::cout<<" "<<std::endl;

std::cout<<"Returned value is :
"<<temp<<std::endl;
cont());

```

```

        break;

    case 2 : clearscreen();
        std::cout<<"small_cup()
Method"<<std::endl;
        temp=VM.small_cup();
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 3 : clearscreen();
        std::cout<<"large_cup()
Method"<<std::endl;
        temp=VM.large_cup();
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 4 : clearscreen();
        std::cout<<"sugar()
Method"<<std::endl;
        temp=VM.sugar();
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 5 : clearscreen();
        std::cout<<"tea()
Method"<<std::endl;
        temp=VM.tea();
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 6 : clearscreen();

```

```

        std::cout<<"insert_large_cups(int n) Method"<<std::endl;
        std::cout<<"Enter the number of
large cups to be inserted"<<std::endl;
        std::cin>>l;
        std::cout<<" "<<std::endl;
        temp=VM.insert_large_cups(l);
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 7 : clearscreen();

        std::cout<<"insert_small_cups(int n)
Method"<<std::endl;
        std::cout<<"Enter the number of
small cups to be inserted"<<std::endl;
        std::cin>>s;
        std::cout<<" "<<std::endl;
        temp=VM.insert_small_cups(s);
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

    case 8 : clearscreen();
        std::cout<<"set_price(int n)
Method"<<std::endl;
        std::cout<<"Enter the
price"<<std::endl;
        std::cin>>pr;
        std::cout<<" "<<std::endl;

        temp=VM.set_price(pr);
        std::cout<<" "<<std::endl;
        std::cout<<"Returned value is :
"<<temp<<std::endl;
        cont();
        break;

```



```

        case 9 : clearsScreen();
                std::cout<<"cancel()
Method"<<std::endl;
                temp=VM.cancel();
                std::cout<<" "<<std::endl;
                std::cout<<"Returned value is :
"<<temp<<std::endl;
                cont();
                break;

        case 10 : clearsScreen();
                std::cout<<"dispose()
Method"<<std::endl;
                temp=VM.dispose();
                std::cout<<" "<<std::endl;
                std::cout<<"Returned value is :
"<<temp<<std::endl;
                cont();
                break;

        case 11 : clearsScreen();
                std::cout<<"displayState()
Method"<<std::endl;
                VM.displayState();
                cont();
                break;

        case 12 : clearsScreen();
                std::cout<<"displayPrice()
Method"<<std::endl;
                VM.displayPrice();
                cont();
                break;

        case 13 : clearsScreen();

std::cout<<"displayTotalSmallCups()
Method"<<std::endl;
                VM.displayTotalSmallCups();
                cont();
                break;

        case 14 : clearsScreen();

```

```

                std::cout<<"displayTotalLargeCups()
Method"<<std::endl;
                VM.displayTotalLargeCups();
                cont();
                break;

        case 15 : clearsScreen();
                std::cout<<"displaySelection()
Method"<<std::endl;
                VM.displaySelection();
                cont();
                break;

        case 16 : clearsScreen();
                std::cout<<"VENDING
MACHINE TEST DRIVER IS QUITTING
!!!"<<std::endl;
                std::cout<<" "<<std::endl;
                break;

        default : std::cout<<"PLEASE SELECT
A CORRECT CHOICE FROM MENU !!! "<<std::endl;
                std::cout<<" "<<std::endl;
                cont();
                break;
        }

    } while(ch!=16);

    return 0;
}

```