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Project Report

	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</td"></price]>	
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	
13	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	n 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	Sequence	TestC
	Pairs	of	ase#
	Covered	transitions	in
			TS.txt
	(1,2),(2,2),(2,	T1,T2,T3,	1
insert large cups(2),ins	3) (3,4) (4,4)	T4,T6,T4,	
ert small cups(1),set p	(6,4) (4,2)	T7,T20,T2	
	(6,5) (2,4)	0,T19,T19,	
rice(100),coin(),set_pric e(50),	(4,6) (10,4)	T22,T16,T	
coin(),coin(),coin(),	(4,7) (6,7)	16,T17,T1	
V . V . V .	(13,6) (7,10)	7,T18,T18,	
large_cup(),large_cup(),	(7,20) (19,19)	T13,T6,T7	
sugar(),coin(),coin(),sm	(19,22)	,T10,T4,T	
all_cup(),small_cup(),la	[(20 19)	4,T2,T2,T	
rge_cup(),large_cup(),te	(20.20)	4,T6,T5	
a(),coin(),coin(),cancel((18 13)		
),set_price(5),set_price((16.16)		
10),insert_large_cups(1)	((6 17)		
,insert_large_cups(1),se	(17,17)		
t_price(500),coin(),disp	(17,18)		
ose()	(18,18)		
	(22,16)		
insert_small_cups(1),set	(1,3) (4,3)	T1,T3,T4,	2
_price(60),	(9,2) (15,4)	T3,T6,T6,	
insert_small_cups(1),co	(8,5) (3,6)	T7,T22,T2	
in(),coin(),coin(),	(6,6) (2,7)	3,T21,T21,	
sugar(),sugar(),small_cu	(10,7) (7,19)	T22,T15,T	

p(),small_cup(),sugar(),t (20,10) 4,T7,T21, ea(),set_price(5),coin(), (19,20) T20,T22,T small cup(),coin(),suga (21,19) 27,T28,T2	c
	-
small_cup() coin() suga (21.19) 27.T28.T2	la
[21,17] [21,120,12]	g
r(),tea(),coin(),coin(),ins (21,20) 8,T9,T2,T	e
ert_small_cups(1), (21,21) 7,T19,T20,	e
insert_large_cups(1),coi (21,22) (7,21) T10,T7,T2	0
n(),large_cup(),coin(),ca (7,22) (20,22) 1,T19,T22,	
ncel(),coin(),small_cup((23,21) T26,T29,T	
),large_cup(),sugar(),tea (22,15) 29,T8,T5	
(),coin(),coin(), (22,23)	set
insert_large_cups(1),dis (22,26)	el(
pose() (22,27) (28,9)),c
(28,28)	n(
(27,28) (29,8)	up
(29,29)	s (1
(26,29)	co
set_price(50),insert_sm (1,4)(2,6) T1,T4,T3, 3	_c
all_cups(1),insert_large (3,2) (3,3) T2,T6,T3,	sm
_cups(1),coin(), (8,3) (3,7) T3,T7,T19	sug
insert_small_cups(1), (11,4) (14,4) ,T21,T22,),ir
insert small cups(1),co (21,11) T14,T4,T7	
in(),large_cup(),small_c (19,21) ,T20,T21,	
up(),sugar(),cancel(),set (20,21) T11,T4,T7	set
price(25),coin(),coin(), (17,16) ,T22,T17,	rt_
small cup(),tea(),set pr (22,14) T16,T18,T	sm
ice(5),coin(),sugar(),sm (22,17) 26,T8,T3,	(10
all cup(),coin(),large c (16,18) T5	_c
up(),tea(), (18,26)	ug
insert large cups(1),ins (26,8)(3,5)),te
ert small cups(1),dispo	r().
se()	ug
	_S
	oir
	ns
coin(), (13,3) T10,T6,	_p
coin(),cancel(),coin(),	cu
insert_large_cups(1), (23,22) 19,T22,	all
coin(), (23,24) T13,T3,	,te
large_cup(),sugar(),te (22,13) T6,T7,T	(1)
a(),insert_small_cups (24,8) 19,T24,),c
(1),coin(),coin(),large (24,29) T8,T6,T	cu
_cup(),tea(), (22,18) 7,T19,T	p ()
insert_large_cups(1), (18,16) 24,T8,T	

	(1.6.22)	6 TZ T2	
coin(),coin(),sugar(),	(16,23)	6,T7,T2	
large_cup(),coin(),su	(22,18)(14,	2,T18,T	
gar(),sugar(),t	5)	16,T23,	
ea(),coin(),insert_larg		T22,T23	
e_cups(1),coin(),coin		,T24,T2	
(),sugar(),cancel(),dis		9,T8,T6,	
pose()		T7,T22,	
		T14,T5	
set_price(5),coin(),canc	(9,3) (10,3)	T1,T4,T7,	5
el(),insert_small_cups(1	(11,3) (9,5)	T10,T3,T7	
),coin(),small_cup(),coi	(15,7) (20,11)	,T21,T20,	
n(),tea(),insert_small_c	(20,25)	T25,T9,T3	
ups(1),insert_small_cup	(17,15)	,T7,T21,T	
s(1),coin(),small_cup(),	(17,27) (25,9)	20,T11,T3,	
coin(),tea(),insert_small	(27,9)	T7,T22,T1	
_cups(1),coin(),sugar(),		7,T15,T7,	
small_cup(),tea(),coin(),		T22,T17,T	
sugar(),small_cup(),tea(27,T9,T	
),insert_small_cups(1),d			
ispose()			
	(6,3) (9,6)	T1,T4,T6,	6
set_price(50),coin(),inse	(14,7) (15,6)	T3,T3,T4,	
rt_small_cups(1),insert_	(21,25)	T7,T22,T1	
small_cups(1),set_price	(16,15)	7,T14,T7,	
(10),coin(),sugar(),small	(17,14)	T22,T17,T	
_cup(),cancel(),coin(),s	(17,23)	16,T15,T6,	
ugar(),small_cup(),coin((16,27),(25,2	T7,T22,T1	
),tea(),coin(),coin(),suga	8),(9,4)	7,T23,T22,	
r(),small_cup(),sugar(),s	(21,10)	T16,T27,T	
ugar(),coin(),tea(),insert	(23,25) (9,7)	9,T6,T7,T	
_small_cups(1),coin(),c	(23,10)	21,T25,T9,	
oin(),small cup(),tea(),i	(23,11) (11,5)	T4,T7,T21	
nsert small cups(1),set		,T10,T7,T	
price(25),coin(),small_		21,T22,T2	
cup(),cancel(),coin(),sm		3,T25,T9,	
all_cup(),sugar(),sugar()		T7,T22,T2	
,tea(),insert_small_cups		3,T10,T3,	
(1),coin(),sugar(),sugar(T7,T21,T2	
),cancel(),insert_small_		2,T23,T11,	
cups(1),coin(),small_cu		T5	
p(),sugar(),sugar(),tea(),			
dispose()			
r(),small_cup(),sugar(),s ugar(),coin(),tea(),insert _small_cups(1),coin(),c oin(),small_cup(),tea(),i nsert_small_cups(1),set _price(25),coin(),small_ cup(),cancel(),coin(),sm all_cup(),sugar(),sugar() ,tea(),insert_small_cups (1),coin(),sugar(),sugar()),cancel(),insert_small_ cups(1),coin(),small_cu p(),sugar(),sugar(),tea(),	(21,10) (23,25) (9,7) (23,10) (23,11) (11,5)	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,	

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

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

Not possible:

r to Post		
(1,6)	(1,7)	1 sets price to 0, 6 needs
		25 <price is="" never<="" td="" which=""></price>
		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	TEST CASE	TestCase	Comments
E		# in TS.txt	
idle	small_cup(),lar	14	
	ge_cup(),sugar(

),tea(),insert_lar ge_cups(0),inse rt_small_cups(0),set_price(0),c ancel()		
coins inserte d	set_price(5),coi n(),insert_large _cups(2),insert_ small_cups(2),s et_price(50),dis pose(),tea()	15	tea() is ghost transition when all the conditions are false,i.e !([(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),coi n(),sugar(),inser t_large_cups(2) ,insert_small_c ups(2),set_price (50),dispose(), tea()	16	tea() is ghost transition when all the conditions are false,i.e !([(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),ins ert_small_cups(1),coin(),small_ cup(),tea(),inser t_large_cups(2) ,insert_small_c ups(0),set_price	17	

	(50),dispose(),s mall_cup(),larg e_cup(),sugar(), cancel(),tea()		
no	set_price(5),ins	18	
large	ert_large_cups(
cups	1),coin(),large_		
	cup(),tea(),inser		
	t_small_cups(2)		
	,insert_large_cu		
	ps(0)set_price(
	50),dispose(),s		
	mall_cup(),larg		
	e_cup(),sugar(),		
	cancel(),tea()		

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>=pri	(price>0)	Covered in testcase # in TS.txt	
ce)			
T	T	5	
T	F	not possible as price is intially 0	
		and set_price always sets it >0	
F	T	1	
F	F	not possible	

3.if(t+25<price)

Covered in testcase # in	Branch result
TS.txt	
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()

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

• int VendingMachine::large_cup()

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

(x==2)	(x==3)	Covered in testcase # in TS.txt	
Τ	Т	not possible as x can't have two	
		values	
Т	F	1	
F	Т	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	
Т	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	Covered in
	transitions	testcase #
		in TS.txt
insert_large_cups(1),set_price(T2,T4,T7,T2	19
5),coin(),sugar(),small_cup(),l	2,T17,T18,T2	
arge_cup(),tea(),insert_large_c	6,T8	
ups(0)		

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	Т	F	3
T	F	T	7
T	F	F	9
F	Т	T	2
F	Т	F	19
F	F	T	8

F	F	F	9
5.els	se if ((x==2)&	&(k1==1)&	&(s==2))
(x==2)	(k1==1)	(s==2)	Covered in
			testcase # in
			TS.txt
T	Т	T	6
T	Т	F	1
T	F	T	11
T	F	F	3
F	Т	T	2
F	T	F	1
	_	_	_

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

	0.0100 11 ((.1	, ,	//
(x==3)	(k1 == 1)	(s==2)	Covered in
			testcase # in
			TS.txt
Т	T	Т	2
Т	T	F	1
Т	F	Т	2
Т	F	F	3
F	T	Т	6
F	T	F	1
F	F	Т	11
F	F	F	3

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

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

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

(x==3)	(k1>1)	(s==2)	Covered in
$(\Lambda - J)$	(K1-1)	(3 - 2)	Covered III

			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
Т	F	14
F	T	4
F	F	19

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

2.013c $\Pi ((X - 3) \alpha \alpha (\Pi^2 0))$		
(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	Covered in
	transitions	testcase # in
		TS.txt
insert_small_cups(1),set	T2,T4,T7,T21,	20
_price(5),coin(),small_cu	T25,T9	
p(),tea(),insert_small_cu		
ps(0)		

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	Т	3
T	F	14
F	Т	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	6. insert_large_cups(int n)
ENTER TO CONTINUE	7. insert_small_cups(int n)
*************	8. set_price(int n)
*********	9. cancel()
TEST DRIVER FOR Vending Machine	10. dispose()
**************	Testing Related Methods
*********	11. displayState()
1. coin()	12. displayPrice()
2. small_cup()	13. displayTotalSmallCups()
3. large_cup()	14. displayTotalLargeCups()
4. sugar()	
	15. displaySelection()
5. tea()	16. Quit Vending Machine Class Driver
6. insert_large_cups(int n)	Select a choice:
7. insert_small_cups(int n)	8
8. set_price(int n)	set_price(int n) Method
9. cancel()	Enter the price
10. dispose()	100
Testing Related Methods	Returned value is: 1
11. displayState()	PLEASE TYPE ANY CHARACTER AND PRESS
12. displayPrice()	ENTER TO CONTINUE
13. displayTotalSmallCups()	************
14. displayTotalLargeCups()	********
15. displaySelection()	TEST DRIVER FOR Vending Machine
16. Quit Vending Machine Class Driver	*************
Select a choice :	********
6	1. coin()
insert small cups(int n) Method	2. small_cup()
Enter the number of small cups to be inserted	3. large cup()
1	4. sugar()
Returned value is: 1	5. tea()
PLEASE TYPE ANY CHARACTER AND PRESS	6. insert large cups(int n)
ENTER TO CONTINUE	7. insert small cups(int n)
*************	8. set price(int n)
*********	9. cancel()
TEST DRIVER FOR Vending Machine	10. dispose()
**************************************	Testing Related Methods
*********	11. displayState()
1. coin()	12. displayPrice()
2. small cup()	13. displayTrice() 13. displayTotalSmallCups()
— · · ·	14. displayTotalLargeCups()
3. large_cup()	
4. sugar()	15. displaySelection() 16. Ouit Vanding Machine Class Driver
5. tea()	16. Quit Vending Machine Class Driver

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

15. displaySelection()	************
16. Quit Vending Machine Class Driver	*******
Select a choice:	1. coin()
1	2. small cup()
coin() Method	3. large_cup()
RETURN COIN	4. sugar()
Returned value is: 1	5. tea()
PLEASE TYPE ANY CHARACTER AND PRESS	6. insert_large_cups(int n)
ENTER TO CONTINUE	7. insert_small_cups(int n)
1	8. set_price(int n)
*************	9. cancel()
*********	10. dispose()
TEST DRIVED FOR Van die a Markins	Trating Dalated Medicals
TEST DRIVER FOR Vending Machine ************************************	Testing Related Methods
*******	11. displayState()12. displayPrice()
1. coin() 2. amall aun()	13. displayTotalSmallCups()
2. small_cup()3. large_cup()	14. displayTotalLargeCups()15. displaySelection()
	- · ·
4. sugar()5. tea()	16. Quit Vending Machine Class Driver Select a choice :
· ·	Select a choice .
6. insert_large_cups(int n)7. insert small cups(int n)	
	large_cup() Method Returned value is: 1
8. set_price(int n) 9. cancel()	PLEASE TYPE ANY CHARACTER AND PRESS
10. dispose()	ENTER TO CONTINUE
Testing Related Methods	**************************************
11. displayState()	********
12. displayPrice()	TEST DRIVER FOR Vending Machine
13. displayTotalSmallCups()	**************************************
14. displayTotalLargeCups()	********
15. displaySelection()	1. coin()
16. Quit Vending Machine Class Driver	2. small cup()
Select a choice:	3. large cup()
1	4. sugar()
coin() Method	5. tea()
RETURN COIN	6. insert_large_cups(int n)
Returned value is : 1	7. insert_small cups(int n)
PLEASE TYPE ANY CHARACTER AND PRESS	8. set price(int n)
ENTER TO CONTINUE	9. cancel()
************	10. dispose()
********	Testing Related Methods
TEST DRIVER FOR Vending Machine	11. displayState()
C	• •

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

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

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

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

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

A sugar()	1
4. sugar()5. tea()	coin() Method
6. insert large cups(int n)	Returned value is: 1
7. insert_small_cups(int n)	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
8. set_price(int n) 9. cancel()	**************************************
10. dispose()	*******
Testing Related Methods	
-	TEST DRIVER FOR Vending Machine ************************************
11. displayState() 12. displayPrice()	*******
13. displayTotalSmallCups()	
- · ·	1 ooin()
14. displayTotalLargeCups()	1. coin()
15. displaySelection() 16. Out Vending Machine Class Priver	2. small_cup()
16. Quit Vending Machine Class Driver	3. large_cup()
Select a choice :	4. sugar()
8	5. tea()
set_price(int n) Method	6. insert_large_cups(int n)
Enter the price	7. insert_small_cups(int n)
500	8. set_price(int n)
Returned value is: 1	9. cancel()
PLEASE TYPE ANY CHARACTER AND PRESS	10. dispose()
ENTER TO CONTINUE	Testing Related Methods
***********	11. displayState()
****************	12. displayPrice()
TEST DRIVER FOR Vending Machine	13. displayTotalSmallCups()
1. coin()	14. displayTotalLargeCups()
2. small_cup()	15. displaySelection()
3. large_cup()	16. Quit Vending Machine Class Driver
4. sugar()	Select a choice :
5. tea()	10
6. insert_large_cups(int n)	dispose() Method
7. insert_small_cups(int n)	SHUT DOWN
8. set_price(int n)	Returned value is: 1
9. cancel()	PLEASE TYPE ANY CHARACTER AND PRESS
10. dispose()	ENTER TO CONTINUE
Testing Related Methods	TestCase#2:
11. displayState()	*************
12. displayPrice()	*********
13. displayTotalSmallCups()	CS 589 Fall 2016 PROJECT
14. displayTotalLargeCups()	**************
15. displaySelection()	*********
16. Quit Vending Machine Class Driver	PLEASE TYPE ANY CHARACTER AND PRESS
Select a choice :	ENTER TO CONTINUE

************	6. insert large cups(int n)
*********	7. insert small cups(int n)
TEST DRIVER FOR Vending Machine	8. set price(int n)
************	9. cancel()
*********	10. dispose()
1. coin()	Testing Related Methods
2. small_cup()	11. displayState()
3. large_cup()	12. displayPrice()
4. sugar()	13. displayTotalSmallCups()
5. tea()	14. displayTotalLargeCups()
6. insert_large_cups(int n)	15. displaySelection()
7. insert_small_cups(int n)	16. Quit Vending Machine Class Driver
8. set_price(int n)	Select a choice :
9. cancel()	8
10. dispose()	set price(int n) Method
Testing Related Methods	Enter the price
11. displayState()	60
12. displayPrice()	Returned value is: 1
13. displayTotalSmallCups()	PLEASE TYPE ANY CHARACTER AND PRESS
14. displayTotalLargeCups()	ENTER TO CONTINUE
15. displaySelection()	************
16. Quit Vending Machine Class Driver	*********
Select a choice :	TEST DRIVER FOR Vending Machine
7	************
insert_small_cups(int n) Method	*********
Enter the number of small cups to be inserted	1. coin()
1	2. small_cup()
insert_small_cups(int n) Method	3. large_cup()
Enter the number of small cups to be inserted	4. sugar()
1	5. tea()
Returned value is: 1	6. insert_large_cups(int n)
PLEASE TYPE ANY CHARACTER AND PRESS	7. insert_small_cups(int n)
ENTER TO CONTINUE	8. set_price(int n)
*************	9. cancel()
*********	10. dispose()
TEST DRIVER FOR Vending Machine	Testing Related Methods
*************	11. displayState()
*********	12. displayPrice()
1. coin()	13. displayTotalSmallCups()
2. small_cup()	14. displayTotalLargeCups()
3. large_cup()	15. displaySelection()
4. sugar()	16. Quit Vending Machine Class Driver
5. tea()	Select a choice :

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

13. displayTotalSmallCups()	1. coin()
14. displayTotalLargeCups()	2. small cup()
15. displaySelection()	3. large cup()
16. Quit Vending Machine Class Driver	4. sugar()
Select a choice :	5. tea()
1	6. insert large cups(int n)
coin() Method	7. insert small cups(int n)
Returned value is: 1	8. set price(int n)
PLEASE TYPE ANY CHARACTER AND PRESS	9. cancel()
ENTER TO CONTINUE	10. dispose()

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

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

************** 15. displaySelection() 16. Quit Vending Machine Class Driver ****** Select a choice: TEST DRIVER FOR Vending Machine ************* tea() Method DISPOSE SMALL CUP OF TEA WITH SUGAR 1. coin() Returned value is: 1 2. small cup() PLEASE TYPE ANY CHARACTER AND PRESS 3. large cup() ENTER TO CONTINUE..... 4. sugar() 5. tea() 6. insert large cups(int n) *************** 7. insert small cups(int n) ****** 8. set price(int n) 9. cancel() TEST DRIVER FOR Vending Machine *************** 10. dispose() ****** **Testing Related Methods** 11. displayState() 1. coin() 2. small cup() 12. displayPrice() 13. displayTotalSmallCups() 3. large cup() 4. sugar() 14. displayTotalLargeCups() 15. displaySelection() 5. tea() 6. insert large cups(int n) 16. Quit Vending Machine Class Driver 7. insert small cups(int n) Select a choice : 8. set price(int n) 1 9. cancel() coin() Method 10. dispose() Returned value is: 1 **Testing Related Methods** PLEASE TYPE ANY CHARACTER AND PRESS 11. displayState() ENTER TO CONTINUE..... ************* 12. displayPrice() ****** 13. displayTotalSmallCups() 14. displayTotalLargeCups() TEST DRIVER FOR Vending Machine ************** 15. displaySelection() 16. Quit Vending Machine Class Driver Select a choice: 1. coin() 2. small cup() 3. large cup() set price(int n) Method Enter the price 4. sugar() 5 5. tea() Returned value is: 1 6. insert large cups(int n) PLEASE TYPE ANY CHARACTER AND PRESS 7. insert small cups(int n) 8. set price(int n) ENTER TO CONTINUE..... 9. cancel() a 10. dispose()

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

10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
10. Quit vending Machine Class Difver	Select a choice:
	1
	1
	coin() Method
Select a choice:	
5	RETURN COIN
tea() Method	
DISPOSE SMALL CUP OF TEA WITH SUGAR	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	
a	**************
*************	********
********	TEST DRIVER FOR Vending Machine
TEST DRIVER FOR Vending Machine	**************
*************	********

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

13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	Select a choice:
	7
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
Select a choice :	PLEASE TYPE ANY CHARACTER AND PRESS
1	ENTER TO CONTINUE
coin() Method	a

RETURN COIN	********
	TEST DRIVER FOR Vending Machine
Returned value is: 1	***********

PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	1. coin()
a	2. small cup()
***********	3. large cup()
********	4. sugar()
TEST DRIVER FOR Vending Machine	5. tea()
************	6. insert large cups(int n)
********	7. insert small cups(int n)
	8. set price(int n)
1. coin()	9. cancel()
2. small cup()	10. dispose()
3. large_cup()	1
4. sugar()	Testing Related Methods
5. tea()	11. displayState()
6. insert large cups(int n)	12. displayPrice()
7. insert small cups(int n)	13. displayTotalSmallCups()
8. set price(int n)	14. displayTotalLargeCups()
9. cancel()	15. displaySelection()
10. dispose()	
1	16. Quit Vending Machine Class Driver
Testing Related Methods	
11. displayState()	
12. displayPrice()	
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	Select a choice:
15. displaySelection()	6
* * ·	

insert large cups(int n) Method	
Enter the number of large cups to be inserted	PLEASE TYPE ANY CHARACTER AND PRESS
1	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	************
***********	********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small cup()
********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert large cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert small cups(int n)	To. dispose()
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
10. dispose()	13. displayTiteC() 13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	13. displayselection()
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	10. Quit vending Machine Class Driver
- · · ·	
15. displaySelection()	
16 Oct Vanding Making Class Driven	
16. Quit Vending Machine Class Driver	
	Select a choice :
	3
	large_cup() Method
Salaat a ahajaa :	Returned value is: 1
Select a choice:	Returned value is . 1
1 agin() Mathad	DI EACE TYDE ANY CHAD ACTED AND DRESS
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
Returned value is: 1	

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

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*************
a	********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
************	3. large cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert small cups(int n)
3. large_cup()	8. set price(int n)
4. sugar()	9. cancel()

10. dispose()	13. displayTotalSmallCups()
Testing Related Methods 11. displayState()	14. displayTotalLargeCups()15. displaySelection()
12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	Select a choice :
	sugar() Method
	Returned value is: 1
Select a choice :	DUE AGE TYPE ANN CHARACTER AND DRESS
3	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
large_cup() Method	
Returned value is: 1	a ************************************
Returned value is . 1	********
PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	********

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

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

Select a choice:

RETURN COIN	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ***************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a ************************************	*******

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

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

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

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

TEST DRIVER FOR Vending Machine ************************************	· · · · · · · · · · · · · · · · · · ·
******	1
<i>ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ ጥ</i> ጥ	1. coin()
	2. small_cup()

3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert small cups(int n)	1
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	13. displayselection()
- · ·	16 Ouit Vanding Machine Class Driver
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	3
	large_cup() Method
Select a choice :	Returned value is: 1
1	recarred value is . 1
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS
com() Method	ENTER TO CONTINUE
Returned value is: 1	a *******************
Returned value is . I	********
DI EACE TYPE ANY CHARACTER AND DECC	
PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
************	3. large cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small cup()	7. insert_small cups(int n)
3. large_cup()	8. set price(int n)
4. sugar()	9. cancel()
- "	~
5. tea() 6. insort longs supplied by	10. dispose()
6. insert_large_cups(int n)	

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

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

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

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

16. Quit Vending Machine Class Driver	
•	Select a choice :
	8
	set_price(int n) Method
	Enter the price
Select a choice :	5
5	
tea() Method	
DISPOSE SMALL CUP OF TEA	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	**************
a	*********
*************	TEST DRIVER FOR Vending Machine
*********	**************
TEST DRIVER FOR Vending Machine	*********

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

Select a choice:

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	**********

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()

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

********	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	5. tou()
5. tea()	6. insert large cups(int n)
6. insert large cups(int n)	7. insert small cups(int n)
o. mscr_targe_cups(mr n)	/. mscr_sman_cups(men)

9. cancel()	
Tooting Deleted Matheda	
10. dispose() Testing Related Methods	
11. displayState()	
Testing Related Methods 12. displayPrice()	
11. displayState() 13. displayTotalSmallCups()	
12. displayPrice() 14. displayTotalLargeCups()	
13. displayTotalSmallCups() 15. displaySelection()	
14. displayTotalLargeCups()	
15. displaySelection() 16. Quit Vending Machine Class Driver	
16. Quit Vending Machine Class Driver	
Select a choice:	
10	
Select a choice : dispose() Method	
7 SHUT DOWN	
insert small cups(int n) Method	
Enter the number of small cups to be inserted Returned value is: 1	
PLEASE TYPE ANY CHARACTER AND PRESENTER TO CONTINUE	SS
Returned value is: 1 a	
TestCase#4:	
PLEASE TYPE ANY CHARACTER AND PRESS **********************************	*****
ENTER TO CONTINUE *******************************	
a CS 589 Fall 2016 PROJECT	
*************************	*****

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

PLEASE TYPE ANY CHARACTER AND PRESENTER TO CONTINUE 2. small cup() ***********************************	
- • •	
3. rarge_cup()	
4. sugar() TEST DRIVER FOR Vending Machine ***********************************	****
3. tca()	⊹⊹ዮጥጥጥጥ
o. msert_targe_cups(mt n)	
7. insert_small_cups(int n)	
8. set_price(int n) 1. coin()	
9. cancel() 2. small_cup()	

3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	6
Select a choice :	insert large cups(int n) Method
8	Enter the number of large cups to be inserted
set price(int n) Method	1
Enter the price	
50	
	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	*************
a	*******
************	TEST DRIVER FOR Vending Machine
********	***************
TEST DRIVER FOR Vending Machine	*********

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	*******
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
1	************
***********	********

TECT DRIVED FOR II 1' II II'	
TEST DRIVER FOR Vending Machine	1. coin()
TEST DRIVER FOR Vending Machine ************************************	1. coin() 2. small cup()
	2. small_cup()
************	2. small_cup()3. large_cup()
**************************************	2. small_cup()
**************************************	2. small_cup()3. large_cup()4. sugar()
**************************************	 small_cup() large_cup() sugar() tea()
****************** 1. coin() 2. small_cup() 3. large_cup()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n)
**************** 1. coin() 2. small_cup() 3. large_cup() 4. sugar()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n)
**************** 1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n)
************** 1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea() 6. insert_large_cups(int n)	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n) cancel()
*************** 1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea() 6. insert_large_cups(int n) 7. insert_small_cups(int n)	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n)
************* 1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea() 6. insert_large_cups(int n) 7. insert_small_cups(int n) 8. set_price(int n)	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n) cancel() dispose()
*************** 1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea() 6. insert_large_cups(int n) 7. insert_small_cups(int n)	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n) cancel()

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

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************
***********	*********
	1 agin()
TEST DRIVER FOR Vending Machine ************************************	1. coin()
******	2. small_cup()
	3. large_cup()
1 agin()	4. sugar()
1. coin()	5. tea()6. insert large cups(int n)
2. small_cup()3. large cup()	7. insert_small cups(int n)
	8. set_price(int n)
4. sugar()5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert_small_cups(int n)	10. dispose()
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
· J	

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

large_cup() Method

	a
Returned value is: 1	***************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	******************
a	**********

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************
************	********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small_cup()
*********	3. large_cup()

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*************
a	********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
************	3. large cup()
*******	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert large cups(int n)	10. 4159050()
7. insert small cups(int n)	Testing Related Methods
,	1 1311116 110111041

11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	6
	insert_large_cups(int n) Method
Select a choice :	Enter the number of large cups to be inserted
5	1
tea() Method	
DISPOSE LARGE CUP OF TEA	Returned value is: 1
Detumed value is 1	DI EACE TYPE ANY CHADACTED AND DRESS
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	a ************************************

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

********	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert small cups(int n)
6. insert_large_cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	•
10. dispose()	Testing Related Methods
•	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
- ·	
13. displayTotalSmallCups()	15. displaySelection()

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

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
*************	********

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

sugar() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a *****************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*************
1	*********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
*************	3. large_cup()
*********	4. sugar()

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

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
3	**************
************	********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small_cup()
*********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	-
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()

12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	6
	insert_large_cups(int n) Method
Select a choice:	Enter the number of large cups to be inserted
1	1
coin() Method	1
RETURN COIN	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	***************
a	*******
************	TEST DRIVER FOR Vending Machine
********	****************
TEST DRIVER FOR Vending Machine	*******

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

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

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	CS 589 Fall 2016 PROJECT
ENTER TO CONTINUE	**************
a	********
TEST DRIVER FOR Vending Machine	

PLEASE TYPE ANY CHARACTER AND PRESS	*************
ENTER TO CONTINUE	********
*************	TEST DRIVER FOR Vending Machine
**********	****************
TEST DRIVER FOR Vending Machine	********

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

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

	1. coin()
1. coin()	2. small_cup()

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

Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	13. displayTotalSmallCups()14. displayTotalLargeCups()15. displaySelection()16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
Select a choice :	Select a choice : 5 tea() Method DISPOSE SMALL CUP OF TEA
1 coin() Method	Returned value is: 1
RETURN COIN	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ****************
PLEASE TYPE ANY CHARACTER AND PRESS	******
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	***************
************	*******

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

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

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

	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	***************
*************	*********

TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small cup()
*********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert_large_cups(int n)
3. large cup()	7. insert_small_cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert small cups(int n)	1
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
1 0	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	of the specific of the specifi
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	201 (2011)
15. displaySelection()	
10. anspiration ()	
16. Quit Vending Machine Class Driver	
10. Quit ventuing muchine Class Biller	Select a choice :
	1
	coin() Method
	com() Method
Select a choice :	RETURN COIN
2	RETORIVE CONV
small cup() Method	Returned value is: 1
Sinuit_cup() Product	Rotaliloa value is . 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a

PLEASE TYPE ANY CHARACTER AND PRESS

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

	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
•	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	1 3
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	2 (a
15. displaySelection()	
The state of the s	
16. Quit Vending Machine Class Driver	
. (Select a choice:
	4
	sugar() Method
	5.18.1.() 5.50.1.51
Select a choice :	Returned value is: 1
1	
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
Returned value is: 1	**************
Teetained value is . I	********
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
a	********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
**************************************	3. large cup()
******	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
· ·	
2. small_cup() 3. large_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)

9. cancel() 10. dispose() Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	Select a choice : 5 tea() Method DISPOSE SMALL CUP OF TEA WITH SUGAR
Select a choice:	Returned value is: 1
small_cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ****************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************
************	********

TEST DRIVER FOR Vending Machine	1. coin()
**************	2. small_cup()
*********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	The Complete North 1
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
Tagting Palatad Mathada	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()

16. Quit Vending Machine Class Driver	
· •	Select a choice:
	4
	sugar() Method
Select a choice:	Returned value is: 1
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
	a
Returned value is: 1	****************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	****************
1	**********

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

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... Returned value is: 1 ************** PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... TEST DRIVER FOR Vending Machine а ************* ************** TEST DRIVER FOR Vending Machine *************** 1. coin() ****** 2. small cup() 3. large cup() 1. coin() 4. sugar() 2. small cup() 5. tea() 3. large cup() 6. insert large cups(int n) 4. sugar() 7. insert small cups(int n) 5. tea() 8. set price(int n) 9. cancel() 6. insert large cups(int n) 7. insert small cups(int n) 10. dispose() 8. set price(int n) 9. cancel() **Testing Related Methods** 10. dispose() 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() **Testing Related Methods** 11. displayState() 14. displayTotalLargeCups() 12. displayPrice() 15. displaySelection() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 16. Quit Vending Machine Class Driver 15. displaySelection() 16. Quit Vending Machine Class Driver Select a choice: 7 insert small cups(int n) Method Select a choice: Enter the number of small cups to be inserted 5 1 tea() Method DISPOSE SMALL CUP OF TEA WITH SUGAR Returned value is: 1 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:
TEST DRIVER FOR Vending Machine	**************
************	********
*********	CS 589 Fall 2016 PROJECT ************************************
1. coin()	*******
2. small cup()	
3. large_cup()	
4. sugar()	
5. tea()	PLEASE TYPE ANY CHARACTER AND PRESS
6. insert_large_cups(int n)	ENTER TO CONTINUE
7. insert_small_cups(int n)	a
8. set price(int n)	*************
9. cancel()	*********
10. dispose()	TEST DRIVER FOR Vending Machine ************************************
Testing Related Methods	******
11. displayState()	
12. displayPrice()	1. coin()
13. displayTotalSmallCups()	2. small cup()
14. displayTotalLargeCups()	3. large cup()
15. displaySelection()	4. sugar()
	5. tea()
16. Quit Vending Machine Class Driver	6. insert_large_cups(int n)
•	7. insert small cups(int n)
	8. set price(int n)
	9. cancel()
	10. dispose()
Select a choice :	• •
10	Testing Related Methods
dispose() Method	11. displayState()
SHUT DOWN	12. displayPrice()
	13. displayTotalSmallCups()
Returned value is: 1	14. displayTotalLargeCups()
	15. displaySelection()
PLEASE TYPE ANY CHARACTER AND PRESS	• •
ENTER TO CONTINUE	16. Quit Vending Machine Class Driver
a	

Select a choice:	
set price(int n) Method	
Enter the price	
50	
Returned value is: 1	coin() Method
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	Returned value is: 1
a	
***************	PLEASE TYPE ANY CHARACTER AND PRESS
*********	ENTER TO CONTINUE
TEST DRIVER FOR Vending Machine	1
***************	****************
*********	*******
	TEST DRIVER FOR Vending Machine
1. coin()	***************
2. small_cup()	********
3. large_cup()	
4. sugar()	1. coin()
5. tea()	2. small_cup()
6. insert_large_cups(int n)	3. large_cup()
7. insert_small_cups(int n)	4. sugar()
8. set_price(int n)	5. tea()
9. cancel()	6. insert_large_cups(int n)
10. dispose()	7. insert_small_cups(int n)
	8. set_price(int n)
Testing Related Methods	9. cancel()
11. displayState()	10. dispose()
12. displayPrice()	
13. displayTotalSmallCups()	Testing Related Methods
14. displayTotalLargeCups()	11. displayState()
15. displaySelection()	12. displayPrice()
	13. displayTotalSmallCups()
16. Quit Vending Machine Class Driver	14. displayTotalLargeCups()
	15. displaySelection()
	16. Quit Vending Machine Class Driver
Select a choice :	
1	

Select a choice:

7	1
insert_small_cups(int n) Method	Returned value is: 1
Enter the number of small cups to be inserted	
1	PLEASE TYPE ANY CHARACTER AND PRESS
Returned value is: 1	ENTER TO CONTINUE
	a
PLEASE TYPE ANY CHARACTER AND PRESS	**************
ENTER TO CONTINUE	********
a	TEST DRIVER FOR Vending Machine

************	*******

TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small cup()
********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert large cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert_small_cups(int n)	•
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
•	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
-	Select a choice :
	8
	set_price(int n) Method
	Enter the price
Select a choice :	10
7	
insert small cups(int n) Method	
Enter the number of small cups to be inserted	Returned value is: 1

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

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
*************	3. large cup()
*********	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	1
7. insert small cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	()
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	200 (000) 000000 00000 00000
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	Select a choice:
. (9
	cancel() Method
	RETURN COINS
	3
Select a choice :	Returned value is: 1
2	
small cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a
Teetainea value is . I	***************
PLEASE TYPE ANY CHARACTER AND PRESS	**********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************************************
*************	*********

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

Returned value is: 1	********
	TEST DRIVER FOR Vending Machine
PLEASE TYPE ANY CHARACTER AND PRESS	**************
ENTER TO CONTINUE	********
a	
************	1. coin()
********	2. small cup()
TEST DRIVER FOR Vending Machine	3. large cup()
***********	4. sugar()
*******	5. tea()
	6. insert large cups(int n)
1. coin()	7. insert small cups(int n)
2. small cup()	8. set price(int n)
3. large_cup()	9. cancel()
4. sugar()	10. dispose()
i. bubui()	το. αισροσο()

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	*******
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
q	***********
**************	*******

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

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

1

Returned value is: 1

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
4	*********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
***************	3. large_cup()
*********	4. sugar()

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
*************	********

TEST DRIVER FOR Vending Machine	1. coin()
**************************************	2. small cup()
******	— · · ·
	3. large_cup()
1	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	

Testing Related Methods	11. displayState()
11. displayState()	12. displayPrice()
12. displayPrice()	13. displayTotalSmallCups()
13. displayTotalSmallCups()	14. displayTotalLargeCups()
	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice:	coin() Method
7	V
insert_small_cups(int n) Method	
Enter the number of small cups to be inserted	Returned value is: 1
1	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	1

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
1	***************
**************	*********

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

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*************
1	*********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
***************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set_price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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 Returned value is: 1 PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... ************** ****** ************* TEST DRIVER FOR Vending Machine ************** ****** ****** TEST DRIVER FOR Vending Machine ************** ****** 1. coin() 2. small cup() 1. coin() 3. large cup() 2. small cup() 4. sugar() 3. large cup() 5. tea() 6. insert large cups(int n) 4. sugar() 5. tea() 7. insert small cups(int n) 6. insert large cups(int n) 8. set price(int n) 7. insert small cups(int n) 9. cancel() 8. set price(int n) 10. dispose() 9. cancel() 10. dispose() **Testing Related Methods** 11. displayState() **Testing Related Methods** 12. displayPrice() 11. displayState() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 12. displayPrice() 15. displaySelection() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver 16. Quit Vending Machine Class Driver Select a choice: Select a choice: set price(int n) Method Enter the price insert small cups(int n) Method 25 Enter the number of small cups to be inserted

1

Returned value is: 1	**************

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
q	*********

*******	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
1	**************
************	*********

TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small cup()
******	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert_large_cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()

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

DISPOSE SMALL CUP OF TEA Select a choice: Returned value is: 1 sugar() Method PLEASE TYPE ANY CHARACTER AND PRESS Returned value is: 1 ENTER TO CONTINUE..... ************* PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... TEST DRIVER FOR Vending Machine *************** ************** ****** ****** TEST DRIVER FOR Vending Machine ************** 1. coin() ****** 2. small cup() 3. large_cup() 1. coin() 4. sugar() 2. small cup() 5. tea() 3. large cup() 6. insert large cups(int n) 7. insert small cups(int n) 4. sugar() 8. set price(int n) 9. cancel() 5. tea() 6. insert large cups(int n) 10. dispose() 7. insert small cups(int n) 8. set price(int n) **Testing Related Methods** 9. cancel() 11. displayState() 10. dispose() 12. displayPrice() 13. displayTotalSmallCups() **Testing Related Methods** 14. displayTotalLargeCups() 11. displayState() 15. displaySelection() 12. displayPrice() 13. displayTotalSmallCups() 16. Quit Vending Machine Class Driver 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver Select a choice: insert small cups(int n) Method Enter the number of small cups to be inserted Select a choice:

5

tea() Method

	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*******
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
1	*************
************	*********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small_cup()
*********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert small cups(int n)	•
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
1	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
10. display 2010011011()	
16. Quit Vending Machine Class Driver	
Tot Quit Chang Hamilto Chass 211/41	Select a choice:
	4
	sugar() Method
	sugui () Hemou
Select a choice :	Returned value is: 1
1	recuired value is . T
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
Returned value is: 1	· ***********************************

PLEASE TYPE ANY CHARACTER AND PRESS

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	*************
***********	*********
TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small cup()
*******	3. large cup()
	4. sugar()
1. coin()	5. tea()

6. insert_large_cups(int n)	7. insert_small_cups(int n)
7. insert_small_cups(int n)	8. set_price(int n)
8. set price(int n)	9. cancel()
9. cancel()	10. dispose()
10. dispose()	1
	Testing Related Methods
Testing Related Methods	11. displayState()
11. displayState()	12. displayPrice()
12. displayPrice()	13. displayTotalSmallCups()
13. displayTotalSmallCups()	14. displayTotalLargeCups()
	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice :	coin() Method
7	com() Memod
insert small cups(int n) Method	
	Detrumed value is 1
Enter the number of small cups to be inserted	Returned value is: 1
1	DI EAGE TUDE AND CHARACTER AND DREGG
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	****************
************	*********

TEST DRIVER FOR Vending Machine	1. coin()
***********	2. small cup()
*******	— · · ·
	3. large_cup()
1	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
	•

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

Select a choice :	Returned value is: 1
4	
sugar() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
4	**************
************	********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small_cup()
********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	•
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice:
	10
	dispose() Method
	SHUT DOWN
Select a choice:	
5	Returned value is: 1

tea() Method

DISPOSE SMALL CUP OF TEA

PLEASE TYPE ANY CHARACTER AND PRESS	Select a choice:
ENTER TO CONTINUE	8
a	set_price(int n) Method
TestCase#7: ************************************	Enter the price
*****	5
CS 589 Fall 2016 PROJECT ***********************************	
*****	Returned value is: 1
	DI FACE TYPE ANY CHADACTED AND DDECC
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
DI EAGE TYPE ANN CHARACTER AND DRESS	a ************************************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE ******************************	
*******	TEST DRIVER FOR Vending Machine ************************************
TEST DRIVER FOR Vending Machine	*****

********	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert small cups(int n)
6. insert_large_cups(int n)	8. set price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	To. dispose()
10. dispose()	Testing Related Methods
10. dispose()	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. display Fetangue upo() 15. display Selection()
14. displayTotalLargeCups()	13. display selection()
15. displaySelection()	16. Quit Vending Machine Class Driver
10. display selection()	Select a choice :
16. Quit Vending Machine Class Driver	1
10. Val. Vending Machine Class Differ	coin() Method
	come monou

Returned value is: 1	**************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	************
a	*******

*******	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
*************	3. large cup()
*******	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert large cups(int n)	1 0
7. insert small cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	1 3
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	`
14. displayTotalLargeCups()	
15. displaySelection()	
16 Ocid Vandina Markina Char Driven	
16. Quit Vending Machine Class Driver	Select a choice :
	9
	cancel() Method
	RETURN COINS
Select a choice :	Returned value is: 1
3	
large_cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine

*******	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert small cups(int n)
6. insert large cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	•
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice :	coin() Method
6	
insert large cups(int n) Method	
Enter the number of large cups to be inserted	Returned value is: 1
1	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
1	************
*************	********

TEST DRIVER FOR Vending Machine	1. coin()
************	2. small_cup()
*********	3. large_cup()

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
k	**********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
**************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set_price(int n)	11. displayState()

12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice:
	3
	large_cup() Method
Select a choice :	Returned value is: 1
2	
small_cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	***************
***************	*********

TEST DRIVER FOR Vending Machine	1. coin()
**************	2. small cup()
********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert small cups(int n)
3····································	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert large cups(int n)	To. dispose()
7. insert small cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
10. dispose()	14. displayTotalLargeCups()
Testing Related Methods	15. display Fotal Large cups()
11. displayState()	13. displayselection()
12. displayPrice()	16. Quit Vending Machine Class Driver
- ·	10. Quit vending machine Class Driver
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	

15. displaySelection()

	tea() Method
Select a choice:	DISPOSE LARGE CUP OF TEA WITH SUGAR
1	
coin() Method	Returned value is: 1
RETURN COIN	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is : 1	a ****************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	***************
*************	**********

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

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

1	**************
************	*******

TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small_cup()
********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert large cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert_small_cups(int n)	10. dispose()
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
10. dispose()	13. displayTrice() 13. displayTotalSmallCups()
Tagting Paleted Methods	14. displayTotalSmanCups()
Testing Related Methods	
11. displayState()	15. displaySelection()
12. displayPrice()	16 Ocid Van dina Madaina Class Deissan
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16 Ovit Vanding Machine Class Driver	
16. Quit Vending Machine Class Driver	Select a choice :
	3
	large_cup() Method
Select a choice :	Returned value is: 1
4	
sugar() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a
Treatment value is . T	****************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine

a ***************	********

TEST DRIVER FOR Vending Machine	1. coin()
TEST DISTURCTION VOIGING IVIACINIC	2. small_cup()
	2. Sman_cup()

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

PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	1. coin()
a	2. small_cup()
*************	3. large_cup()
*********	4. sugar()
TEST DRIVER FOR Vending Machine	5. tea()
*************	6. insert_large_cups(int n)
*********	7. insert_small_cups(int n)
	8. set_price(int n)
1. coin()	9. cancel()
2. small_cup()	10. dispose()
3. large_cup()	
4. sugar()	Testing Related Methods
5. tea()	11. displayState()
6. insert_large_cups(int n)	12. displayPrice()
7. insert_small_cups(int n)	13. displayTotalSmallCups()

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

16. Quit Vending Machine Class Driver

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

PLEASE TYPE ANY CHARACTER AND PRESS	*************
ENTER TO CONTINUE	*********
a	TEST DRIVER FOR Vending Machine
*************	*************
*********	********
TEST DRIVER FOR Vending Machine	
*************	1. coin()
*********	2. small_cup()
	3. large_cup()
1. coin()	4. sugar()
2. small_cup()	5. tea()
3. large_cup()	6. insert_large_cups(int n)
4. sugar()	7. insert_small_cups(int n)
5. tea()	8. set price(int n)
6. insert large cups(int n)	9. cancel()
7. insert_small_cups(int n)	10. dispose()
8. set_price(int n)	1
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
1	12. displayPrice()
Testing Related Methods	13. displayTotalSmallCups()
11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	0
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	10. Quit vending machine Class Biller
16. Quit Vending Machine Class Driver	
	Select a choice :
	9
	cancel() Method
Select a choice :	RETURN COINS
1	RETURN COINS
coin() Method	Returned value is: 1
com() method	Retained value is . 1
RETURN COIN	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine

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

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

	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
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
Select a choice :	1
5	
tea() Method	
DISPOSE LARGE CUP OF TEA	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	1
ENTER TO CONTINUE	**************
a	******
************	TEST DRIVER FOR Vending Machine
*********	***************
TEST DRIVER FOR Vending Machine	******

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

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

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

5	Returned value is: 1
tea() Method	
DISPOSE LARGE CUP OF TEA	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a *****************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	*************
************	*********

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

**************	****************
********	******
TEST DRIVER FOR Vending Machine	
*************	1. coin()
*********	2. small cup()
	3. large cup()
1. coin()	4. sugar()
2. small_cup()	5. tea()
3. large cup()	6. insert large cups(int n)
4. sugar()	7. insert small cups(int n)
5. tea()	8. set price(int n)
6. insert large cups(int n)	9. cancel()
7. insert small cups(int n)	10. dispose()
8. set price(int n)	1
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
	12. displayPrice()
Testing Related Methods	13. displayTotalSmallCups()
11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	1 3
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	5
	tea() Method
Select a choice :	DISPOSE LARGE CUP OF TEA
1	
coin() Method	Returned value is: 1
RETURN COIN	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************
************	*********

TEST DRIVER FOR Vending Machine	1. coin()

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

PLEASE TYPE ANY CHARACTER AND PRESS	**********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
S	**************
***************	**********

TEST DRIVER FOR Vending Machine	1. coin()
*****************	2. small_cup()
**********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	*************
************	********

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

15. displaySelection()	10. dispose()
16. Quit Vending Machine Class Driver	Testing Related Methods
	11. displayState()
	12. displayPrice()
	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Select a choice:	15. displaySelection()
10	
dispose() Method	16. Quit Vending Machine Class Driver
SHUT DOWN	
Returned value is: 1	
PLEASE TYPE ANY CHARACTER AND PRESS	Select a choice :
ENTER TO CONTINUE	8
a	set_price(int n) Method
TestCase#8:	Enter the price
*************	5

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***************	Returned value is: 1

	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
DI EL GE TIVDE ANNI GIA DA GTED AND DDEGG	a
PLEASE TYPE ANY CHARACTER AND PRESS	************
ENTER TO CONTINUE ******************************	*************
********	TEST DRIVER FOR Vending Machine ************************************

TEST DRIVER FOR Vending Machine ************************************	*****
******	1 agin()
	 coin() small cup()
1. coin()	3. large cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert small cups(int n)
6. insert_large_cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	* ~

Testing Related Methods	11. displayState()
11. displayState()	12. displayPrice()
12. displayPrice()	13. displayTotalSmallCups()
13. displayTotalSmallCups()	14. displayTotalLargeCups()
14. displayTotalLargeCups()	15. displaySelection()
15. displaySelection()	
	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
Select a choice:	
6	coin() Method
insert_large_cups(int n) Method	
Enter the number of large cups to be inserted	Returned value is: 1
2	returned value is . I
2	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a
returned value is . 1	a
PLEASE TYPE ANY CHARACTER AND PRESS	**************
ENTER TO CONTINUE	********
a	TEST DRIVER FOR Vending Machine
***********	***************
********	*******
TEST DRIVER FOR Vending Machine	
************	1. coin()
********	2. small cup()
	3. large cup()
1. coin()	4. sugar()
2. small cup()	5. tea()
3. large cup()	6. insert_large_cups(int n)
4. sugar()	7. insert small cups(int n)
5. tea()	8. set price(int n)
6. insert large cups(int n)	9. cancel()
7. insert small cups(int n)	10. dispose()
8. set price(int n)	10. alopooo()
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
10. dispose()	12. displayPrice()
Testing Related Methods	13. displayTrice() 13. displayTotalSmallCups()
resums related memous	13. dispiay i otaisinan cups()

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
a	**********

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

tea() Method	
DISPOSE LARGE CUP OF TEA WITH SUGAR	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	************
a	********
************	TEST DRIVER FOR Vending Machine
*********	************
TEST DRIVER FOR Vending Machine	********

********	1. coin()
	2. small_cup()
1. coin()	3. large_cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
Select a choice:	coin() Method
6	
insert_large_cups(int n) Method	
Enter the number of large cups to be inserted	Returned value is: 1
4	

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	*******

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

PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	************
*************	********

1. coin()	4. sugar()
2. small_cup()	5. tea()
3. large cup()	6. insert large cups(int n)
4. sugar()	7. insert small cups(int n)
5. tea()	8. set price(int n)
6. insert_large_cups(int n)	9. cancel()
7. insert small cups(int n)	10. dispose()
8. set price(int n)	-
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
	12. displayPrice()
Testing Related Methods	13. displayTotalSmallCups()
11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	3
	large cup() Method
Select a choice :	iarge_cup() Memod
1	Returned value is: 1
coin() Method	retained value is . 1
com() Wethou	PLEASE TYPE ANY CHARACTER AND PRESS
RETURN COIN	ENTER TO CONTINUE
RETORIVEORV	a
Returned value is: 1	u ********************
returned value is . 1	******
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************************************

a ************************************	
******	1. coin()
TEST DRIVED FOR Vanding Machine	2. small cup()
TEST DRIVER FOR Vending Machine ************************************	3. large cup()

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

10. dispose()	9. cancel()	12. displayPrice()
14. displayTotalLargeCups()	·	
Testing Related Methods	10. dispose()	- ·
11. displayState() 12. displayPrice() 16. Quit Vending Machine Class Driver 13. displayTotalSmallCups() 14. displayTotalSmallCups() 15. displaySelection() 16. Quit Vending Machine Class Driver Select a choice :	Testing Related Methods	
12. displayPrice() 16. Quit Vending Machine Class Driver 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver		13. displaysofocion()
13. displayTotalSmallCups() 14. displayTotalI argsCups() 15. displaySelection() 16. Quit Vending Machine Class Driver A	- ·	16 Ouit Vending Machine Class Driver
14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver Select a choice : 4 sugar() Method Returned value is : 1 Select a choice : 4 Sugar() Method Returned value is : 1 PLEASE TYPE ANY CHARACTER AND PRESS Sugar() Method ENTER TO CONTINUE a Returned value is : 1 *********************************	- · ·	10. Quit Vending Machine Class Differ
15. displaySelection() 16. Quit Vending Machine Class Driver A		
Scleet a choice : 4 4 4 5 5 5 5 5 5 5	·	
A sugar() Method	ie. displays vice item()	
Select a choice :	16. Quit Vending Machine Class Driver	Select a choice:
Returned value is : 1		4
Select a choice : 4		sugar() Method
Select a choice : 4		
4 Sugar() Method ENTER TO CONTINUE Returned value is: 1 Returned value is: 1 ***********************************		Returned value is: 1
sugar() Method ENTER TO CONTINUE a ************************************	Select a choice :	
Returned value is : 1	4	PLEASE TYPE ANY CHARACTER AND PRESS
Returned value is: 1 ************************************	sugar() Method	ENTER TO CONTINUE
************************************		a
PLEASE TYPE ANY CHARACTER AND PRESS TEST DRIVER FOR Vending Machine	Returned value is: 1	***************
ENTER TO CONTINUE a		

**************************************	ENTER TO CONTINUE	
#************ 1. coin() TEST DRIVER FOR Vending Machine #***********************************		********
TEST DRIVER FOR Vending Machine 2. small_cup() ************************************		1

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

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
Select a choice:	1
5	
tea() Method	
DISPOSE LARGE CUP OF TEA	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	****************
a	*********
***************	TEST DRIVER FOR Vending Machine
*********	****************
TEST DRIVER FOR Vending Machine	**********

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

Select a choice:

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	*********

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

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

	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
•	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	1 5
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	5 (m. 1.1 m. 8 m. 1.1 m
15. displaySelection()	
The state of the s	
16. Quit Vending Machine Class Driver	
. (Select a choice:
	4
	sugar() Method
Select a choice :	Returned value is: 1
1	
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
Returned value is: 1	**************
Teetainea value is . I	*********
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
a	*********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
**************************************	3. large cup()
******	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large cup()	8. set price(int n)
J. large_cup()	6. Sci_price(iiit ii)

9. cancel() 10. dispose() Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	Select a choice: 5 tea() Method DISPOSE LARGE CUP OF TEA WITH SUGAR
Select a choice:	Returned value is: 1
large_cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ****************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	****************
**************	*********

TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small_cup()
	3. large_cup()
1. coin()	4. sugar() 5. tea()
2. small cup()	6. insert large cups(int n)
3. large_cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert small cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()

16. Quit Vending Machine Class Driver	Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups()
Select a choice: 10	15. displaySelection()
dispose() Method SHUT DOWN	16. Quit Vending Machine Class Driver
Returned value is: 1	
PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	Select a choice:
a	set_price(int n) Method
TestCase#9:	Enter the price
**************	5

CS 589 Fall 2016 PROJECT	
***********	Returned value is: 1
*********	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
	f
PLEASE TYPE ANY CHARACTER AND PRESS	**************
ENTER TO CONTINUE	*******
**************************************	TEST DRIVER FOR Vending Machine ************************************
TEST DRIVER FOR Vending Machine ************************************	********
********	1. coin()
	2. small_cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods

11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	10. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
Select a choice :	1
7	coin() Method
insert small cups(int n) Method	
Enter the number of small cups to be inserted	Returned value is: 1
2	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	*************
***********	********
***********	1
TEST DRIVER FOR Vending Machine ************************************	1. coin()
*******	2. small_cup()3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert large cups(int n)
3. large cup()	7. insert_small_cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	

16. Quit Vending Machine Class Driver	Select a choice :
	small_cup() Method
	Returned value is: 1
Select a choice:	
4	PLEASE TYPE ANY CHARACTER AND PRESS
sugar() Method	ENTER TO CONTINUE
	a
Returned value is: 1	************
PLEASE TYPE ANY CHARACTER AND PRESS	**************************************
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************

a ***************	
******	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
**************************************	3. large cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large_cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	To. dispose()
7. insert small cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
10. dispose()	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	*************
S	*********
*************	TEST DRIVER FOR Vending Machine
*******	**************
TEST DRIVER FOR Vending Machine ************************************	*********
********	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert_small cups(int n)
6. insert large cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	10. dispose()
· ·	Tagting Palated Mathada
10. dispose()	Testing Related Methods
Testing Related Matheda	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	6
Select a choice :	insert large cups(int n) Method
7	Enter the number of large cups to be inserted
insert small cups(int n) Method	3
Enter the number of small cups to be inserted 2	
	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	*********

********	1. coin()
	· · · · · · · · · · · · · · · · · · ·

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

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	***************
**************	*********

TEST DRIVER FOR Vending Machine	1. coin()
***************	2. small_cup()
**********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()

10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	Select a choice :
10. Quit Vending Muchine Class Briver	5
	tea() Method
	DISPOSE LARGE CUP OF TEA
Select a choice :	Returned value is: 1
3	
large_cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	**************
************	**********

TEST DRIVER FOR Vending Machine ************************************	1. coin()
*******	2. small_cup()
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3. large_cup()
1 ooin()	4. sugar()
1. coin() 2. small_cup()	<ul><li>5. tea()</li><li>6. insert large cups(int n)</li></ul>
3. large_cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert small cups(int n)	10. dispose()
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
_	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	

## 16. Quit Vending Machine Class Driver

	Select a choice :
	1
Select a choice:	coin() Method
8	
set_price(int n) Method	
Enter the price	Returned value is: 1
50	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a
	************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	************
*************	*********
*********	
TEST DRIVER FOR Vending Machine	1. coin()
**************	2. small_cup()
*********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice:

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

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

	2. small cup()
1. coin()	3. large_cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice :	coin() Method
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
Returned value is: 1	a
DI EACE TUDE AND CHARACTER AND DRESS	************
PLEASE TYPE ANY CHARACTER AND PRESS	**************************************
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a ****************	******
*****	***************************************
	1 00:00
TEST DRIVER FOR Vending Machine ************************************	1. coin()
*****	2. small_cup()
	3. large_cup() 4. sugar()
1. coin()	4. sugar() 5. tea()
1. com()	5. tca()

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

<ul><li>13. displayTotalSmallCups()</li><li>14. displayTotalLargeCups()</li><li>15. displaySelection()</li></ul>	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	]
	coin() Method
Select a choice :	
5	Returned value is: 1
tea() Method	
DISPOSE SMALL CUP OF TEA	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a
	**************
PLEASE TYPE ANY CHARACTER AND PRESS	********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
************	*******
********	
TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small_cup()
*********	3. large_cup()
1. coin()	4. sugar()
2. small_cup()	5. tea()
3. large cup()	6. insert large cups(int n)
4. sugar()	7. insert small cups(int n)
5. tea()	8. set price(int n)
6. insert large cups(int n)	9. cancel()
7. insert_small_cups(int n)	10. dispose()
8. set_price(int n)	
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
	12. displayPrice()
Testing Related Methods	13. displayTotalSmallCups()
11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	

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

4

sugar() Method

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

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

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

## 16. Quit Vending Machine Class Driver

	Select a choice :
	10
Select a choice:	dispose() Method
8	SHUT DOWN
set_price(int n) Method	
Enter the price	Returned value is: 1
150	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	
	TestCase#10:
PLEASE TYPE ANY CHARACTER AND PRESS	***************
ENTER TO CONTINUE	********
a	CS 589 Fall 2016 PROJECT
**************	****************
*********	*********
TEST DRIVER FOR Vending Machine	
**************	
*********	
	PLEASE TYPE ANY CHARACTER AND PRESS
1. coin()	ENTER TO CONTINUE
2. small_cup()	******************
3. large_cup()	*********
4. sugar()	TEST DRIVER FOR Vending Machine
5. tea()	**************
6. insert_large_cups(int n)	*********
7. insert_small_cups(int n)	
8. set_price(int n)	1. coin()
9. cancel()	2. small_cup()
10. dispose()	3. large_cup()
	4. sugar()
Testing Related Methods	5. tea()
11. displayState()	6. insert_large_cups(int n)
12. displayPrice()	7. insert_small_cups(int n)
13. displayTotalSmallCups()	8. set_price(int n)
14. displayTotalLargeCups()	9. cancel()
15. displaySelection()	10. dispose()
16. Quit Vending Machine Class Driver	Testing Related Methods

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

15. displaySelection()	
	Select a choice :
16. Quit Vending Machine Class Driver	3
	large_cup() Method
Select a choice :	Returned value is: 1
1	
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
	a
Returned value is: 1	*************
	*********
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*************
a	*********
************	
********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small cup()	7. insert small cups(int n)
3. large cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	•
7. insert_small_cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	***************
a	*********
************	TEST DRIVER FOR Vending Machine
*********	***************
TEST DRIVER FOR Vending Machine	*********
***********	
********	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert small cups(int n)
6. insert large cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
10. dispose()	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. display Fotan Europe ()  15. display Selection()
14. displayTotalLargeCups()	13. display selection()
15. displaySelection()	16. Quit Vending Machine Class Driver
13. displayselection()	10. Quit Vending Michine Class Differ
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice:	coin() Method
6	
insert_large_cups(int n) Method	
Enter the number of large cups to be inserted	Returned value is: 1
1	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

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

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

8. set_price(int n) 9. cancel() 10. dispose()	Testing Related Methods 11. displayState() 12. displayPrice()
Testing Related Methods 11. displayState()	<ul><li>13. displayTotalSmallCups()</li><li>14. displayTotalLargeCups()</li><li>15. displaySelection()</li></ul>
12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice : 4 sugar() Method
Select a choice :	Returned value is: 1
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ************************************
PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a ***************	*********
********** TEST DRIVER FOR Vending Machine ************************************	1. coin() 2. small_cup() 3. large_cup()
1. coin()	<ul><li>4. sugar()</li><li>5. tea()</li><li>6. insert large cups(int n)</li></ul>
<ul><li>2. small_cup()</li><li>3. large_cup()</li></ul>	7. insert_small_cups(int n) 8. set_price(int n)
<ul><li>4. sugar()</li><li>5. tea()</li><li>6. insert_large_cups(int n)</li></ul>	9. cancel() 10. dispose()
7. insert_small_cups(int n) 8. set_price(int n) 9. cancel() 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
Select a choice:	2
9	
cancel() Method	
RETURN COINS	Returned value is: 1
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	*************
a	********
*************	TEST DRIVER FOR Vending Machine
*******	**************
TEST DRIVER FOR Vending Machine ************************************	*********
*******	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert small cups(int n)
6. insert large cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	1
10. dispose()	Testing Related Methods
1 0	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	• •
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	

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

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 ************************************	TEST DRIVER FOR Vending Machine ************************************
*******	*******
1. coin()	1. coin()
2. small cup()	2. small cup()
3. large cup()	3. large cup()
4. sugar()	4. sugar()
5. tea()	5. tea()
6. insert_large_cups(int n)	6. insert_large_cups(int n)
7. insert_small_cups(int n)	7. insert_small_cups(int n)
8. set price(int n)	8. set price(int n)
9. cancel()	9. cancel()
10. dispose()	10. dispose()
Testing Related Methods	Testing Related Methods
11. displayState()	11. displayState()
12. displayPrice()	12. displayPrice()
	13. displayTotalSmallCups()
13. displayTotalSmallCups()	14. displayTotalLargeCups()
14. displayTotalLargeCups()	15. displaySelection()
15. displaySelection()	•
<b>.</b> •	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
Select a choice :	10
6	dispose() Method
insert_large_cups(int n) Method	SHUT DOWN
Enter the number of large cups to be inserted	
1	Returned value is: 1
	PLEASE TYPE ANY CHARACTER AND PRESS
Returned value is: 1	ENTER TO CONTINUE
	a
	TestCase#11:

************	insert small cups(int n) Method
********	Enter the number of small cups to be inserted
CS 589 Fall 2016 PROJECT	2
************	
********	
	Returned value is: 1
	PLEASE TYPE ANY CHARACTER AND PRESS
PLEASE TYPE ANY CHARACTER AND PRESS	ENTER TO CONTINUE
ENTER TO CONTINUE	a
************	*************
*********	*********
**************************************	TEST DRIVER FOR Vending Machine ************************************
TEST DRIVER FOR Vending Machine ************************************	*********
*******	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
— · · ·	
3. large_cup()	5. tea() 6. insert large supplies to
4. sugar()	6. insert_large_cups(int n)
5. tea() 6. insert large supplier n)	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	T C D L IM d 1
10. dispose()	Testing Related Methods
T C D L L IV d L	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	8
Select a choice:	set price(int n) Method
7	Enter the price
•	we price

Returned value is: 1

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

PLEASE TYPE ANY CHARACTER AND PRESS

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

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

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

4. sugar()	*************
5. tea()	*******
6. insert large cups(int n)	TEST DRIVER FOR Vending Machine
7. insert small cups(int n)	****************
8. set price(int n)	*******
9. cancel()	
10. dispose()	1. coin()
•	2. small cup()
Testing Related Methods	3. large cup()
11. displayState()	4. sugar()
12. displayPrice()	5. tea()
13. displayTotalSmallCups()	6. insert large cups(int n)
14. displayTotalLargeCups()	7. insert small cups(int n)
15. displaySelection()	8. set price(int n)
	9. cancel()
16. Quit Vending Machine Class Driver	10. dispose()
	Testing Related Methods
	11. displayState()
	12. displayPrice()
Select a choice :	13. displayTotalSmallCups()
10	14. displayTotalLargeCups()
	15. displaySelection()
dispose() Method	The state of the s
SHUT DOWN	16. Quit Vending Machine Class Driver
Returned value is: 1	
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	Select a choice :
a	10
TestCase#13:	dispose() Method
************	SHUT DOWN
*********	
CS 589; Fall 2016 PROJECT  ***********************************	Returned value is: 1
*******	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
	TestCase#14:
PLEASE TYPE ANY CHARACTER AND PRESS	******************
ENTER TO CONTINUE	*********
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************	PLEASE TYPE ANY CHARACTER AND PRESS
*********	ENTER TO CONTINUE
	***********
	*******
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************************************
*************	**********
********	
TEST DRIVER FOR Vending Machine	1. coin()
***********	2. small cup()
********	3. large cup()
	4. sugar()
1. coin()	5. tea()
2. small cup()	6. insert large cups(int n)
3. large cup()	7. insert small cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	3
	large_cup() Method
Select a choice :	Returned value is: 0
2	Returned value is . 0
small cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 0	a
	************
	*********

TEST DRIVED FOR Wording Machine	2 gmall gum()
TEST DRIVER FOR Vending Machine ************************************	2. small_cup()
********	3. large_cup()
	4. sugar()
1 ooin()	5. tea() 6. insert lorge consciut n
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	T C D L IM (L I
7. insert_small_cups(int n)	Testing Related Methods
8. set_price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	Select a choice :
	5
	tea() Method
	Returned value is: 0
Select a choice :	
4	PLEASE TYPE ANY CHARACTER AND PRESS
sugar() Method	ENTER TO CONTINUE
	a
Returned value is: 0	****************
	*********
PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	*********
************	
*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
************	3. large_cup()
*********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)

7. insert_small_cups(int n) 8. set_price(int n) 9. cancel()	9. cancel() 10. dispose()
10. dispose()	Testing Related Methods 11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	7
Select a choice :	insert small cups(int n) Method
6	Enter the number of small cups to be inserted
insert_large_cups(int n) Method	0
Enter the number of large cups to be inserted 0	
	Returned value is: 0
Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	****************
	*********
**************	TEST DRIVER FOR Vending Machine
*********	***************
TEST DRIVER FOR Vending Machine ************************************	**********
********	1. coin()
	2. small_cup()
1. coin()	3. large_cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()

	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	9
Select a choice:	cancel() Method
set_price(int n) Method	Returned value is: 0
Enter the price	
0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
	a
Returned value is: 0	TestCase#15 : ************************************
PLEASE TYPE ANY CHARACTER AND PRESS	*******
ENTER TO CONTINUE	CS 589 Fall 2016 PROJECT
a	***************
*************	********
*********	
TEST DRIVER FOR Vending Machine ************************************	
*********	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
1. coin()	***************
2. small_cup()	********
3. large_cup()	TEST DRIVER FOR Vending Machine
4. sugar()	**************
5. tea()	********
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	1. coin()
8. set_price(int n)	2. small_cup()
9. cancel()	3. large_cup()
10. dispose()	4. sugar()
	5. tea()
Testing Related Methods	6. insert_large_cups(int n)

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

Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups()	<ul><li>12. displayPrice()</li><li>13. displayTotalSmallCups()</li><li>14. displayTotalLargeCups()</li><li>15. displaySelection()</li></ul>
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
Select a choice :	insert_small_cups(int n) Method
6	Enter the number of small cups to be inserted
insert_large_cups(int n) Method	2
Enter the number of large cups to be inserted 2	
	Returned value is: 0
Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	**************
	*********
**************	TEST DRIVER FOR Vending Machine
*********	************
TEST DRIVER FOR Vending Machine ************************************	*********
********	1. coin()
	2. small cup()
1. coin()	3. large_cup()
2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()

14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	10
Select a choice :	
8	dispose() Method
set_price(int n) Method	
Enter the price	Returned value is: 0
50	
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 0	
DI EAGE TYPE ANN GUADAGTED AND DDEGG	************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
*************	*******
******	
TEST DRIVER FOR Vending Machine	1. coin()
*************	2. small cup()
********	3. large_cup()
	4. sugar()
1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
14. displayTotalLargeCups()	
15. displaySelection()	

Select a choice :	14. displayTotalLargeCups() 15. displaySelection()
5 tea() Method	16. Quit Vending Machine Class Driver
Returned value is: 0	
PLEASE TYPE ANY CHARACTER AND PRESS	Select a choice :
ENTER TO CONTINUE	8
a	set_price(int n) Method
TestCase#16:	Enter the price
**************************************	5
CS 589 Fall 2016 PROJECT	
**************************************	Returned value is: 1
********	Returned value is . 1
	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
PLEASE TYPE ANY CHARACTER AND PRESS	*************
ENTER TO CONTINUE	*********
***************	TEST DRIVER FOR Vending Machine
*******	***************
TEST DRIVER FOR Vending Machine	*********
*******************	1
~~~~ <del>~~~~~~~~~~</del>	1. coin()
1. coin()	2. small_cup()3. large cup()
2. small cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
To display IN disp	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice() 13. displayTotalSmallCups()	14. displayTotalLargeCups()15. displaySelection()
13. uispiay 10taisinaneups()	13. dispiayselection()

16. Quit Vending Machine Class Driver	
	Select a choice :
	4
	sugar() Method
Select a choice :	Returned value is: 1
coin() Method	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
	a
Returned value is: 1	***************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	*********

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
*************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
•	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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
Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	**************

************	TEST DRIVER FOR Vending Machine
*********	*************
TEST DRIVER FOR Vending Machine ************************************	*********
*******	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert small cups(int n)
6. insert_large_cups(int n)	8. set price(int n)
7. insert small cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	1
10. dispose()	Testing Related Methods
•	11. displayState()
Testing Related Methods	
11. displayState()	12. displayPrice()
12. displayPrice()	13. displayTotalSmallCups()
13. displayTotalSmallCups()	14. displayTotalLargeCups()
14. displayTotalLargeCups()	15. displaySelection()
15. displaySelection()	
	16. Quit Vending Machine Class Driver
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

50

Select a choice:

Enter the price

set_price(int n) Method

2

Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	***************
ENTER TO CONTINUE	*********
**************************************	TEST DRIVER FOR Vending Machine ************************************
TEST DRIVER FOR Vending Machine	
**************************************	1. coin()
********	2. small cup()
	3. large cup()
1. coin()	4. sugar()
2. small_cup()	5. tea()
3. large cup()	6. insert large cups(int n)
· ·	
4. sugar()	7. insert_small_cups(int n)
5. tea()	8. set_price(int n)
6. insert_large_cups(int n)	9. cancel()
7. insert_small_cups(int n)	10. dispose()
8. set_price(int n)	T C D L IM I I
9. cancel()	Testing Related Methods
10. dispose()	11. displayState()
T C D L L L L L	12. displayPrice()
Testing Related Methods	13. displayTotalSmallCups()
11. displayState()	14. displayTotalLargeCups()
12. displayPrice()	15. displaySelection()
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	16. Quit Vending Machine Class Driver
15. displaySelection()	
16. Quit Vending Machine Class Driver	
	Select a choice :
	5
	tea() Method
Select a choice:	
10	Returned value is: 0
dispose() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 0	TestCase#17:

CS 589 Fall 2016 PROJECT *************** Returned value is: 1 ****** PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... а ************** PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE..... ************** TEST DRIVER FOR Vending Machine ************** ****** ****** TEST DRIVER FOR Vending Machine ************** ****** 1. coin() 2. small cup() 1. coin() 3. large cup() 2. small cup() 4. sugar() 3. large cup() 5. tea() 4. sugar() 6. insert large cups(int n) 7. insert small cups(int n) 5. tea() 6. insert large cups(int n) 8. set price(int n) 7. insert small cups(int n) 9. cancel() 8. set price(int n) 10. dispose() 9. cancel() 10. dispose() **Testing Related Methods** 11. displayState() 12. displayPrice() **Testing Related Methods** 11. displayState() 13. displayTotalSmallCups() 12. displayPrice() 14. displayTotalLargeCups() 13. displayTotalSmallCups() 15. displaySelection() 14. displayTotalLargeCups() 15. displaySelection() 16. Quit Vending Machine Class Driver 16. Quit Vending Machine Class Driver Select a choice: Select a choice: insert small cups(int n) Method Enter the number of small cups to be inserted set price(int n) Method Enter the price Returned value is: 1 5

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	*******

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
*************	*********

1. coin()	5. tea()
2. small_cup()	6. insert_large_cups(int n)
3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert_small_cups(int n)	
8. set_price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
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
Select a choice :	2
5	
tea() Method	
DISPOSE SMALL CUP OF TEA	Returned value is: 0
	DI FACE TWO AND CHARACTER AND BRECC
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
DUE AGE TYPE ANN CHARACTER AND DREGG	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	************
ENTER TO CONTINUE	**********
a *****************	
*****	TEST DRIVER FOR Vending Machine ************************************

TEST DRIVER FOR Vending Machine ************************************	***********
******	1. coin()
	The state of the s
1 min()	2. small_cup()
1. coin() 2. small cup()	3. large_cup()
2. small_cup() 3. large_cup()	4. sugar()
3. large_cup()	5. tea() 6. insert large suppliert n
4. sugar()	6. insert_large_cups(int n)

7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	8
Select a choice :	set_price(int n) Method
7	Enter the price
insert_small_cups(int n) Method	50
Enter the number of small cups to be inserted	
0	
	Returned value is: 0
Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	**************
a	********
************	TEST DRIVER FOR Vending Machine
********	**************
TEST DRIVER FOR Vending Machine ************************************	********
********	1 coin()
*********	1. coin() 2. small cup()
	2. small_cup()
1. coin()	2. small_cup()3. large_cup()
1. coin() 2. small_cup()	2. small_cup()3. large_cup()4. sugar()
1. coin() 2. small_cup() 3. large_cup()	 small_cup() large_cup() sugar() tea()
1. coin() 2. small_cup() 3. large_cup() 4. sugar()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n)
1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n)
 coin() small_cup() large_cup() sugar() tea() insert_large_cups(int n) 	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n)
1. coin() 2. small_cup() 3. large_cup() 4. sugar() 5. tea()	 small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n)

Testing Related Methods	14. displayTotalLargeCups()15. displaySelection()
11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	Select a choice: 2 small_cup() Method
	Returned value is: 0
Select a choice :	
10	PLEASE TYPE ANY CHARACTER AND PRESS
dispose() Method	ENTER TO CONTINUE
Returned value is: 0	**************

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
a	*********

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

	Returned value is: 0
Select a choice :	
3	PLEASE TYPE ANY CHARACTER AND PRESS
large cup() Method	ENTER TO CONTINUE
	a
Returned value is: 0	**************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small cup()
************	3. large cup()
*********	4. sugar()
	5. tea()
1. coin()	6. insert large cups(int n)
2. small cup()	7. insert small cups(int n)
3. large_cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
•	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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:	
4	

sugar() Method

ENTER TO CONTINUE *******************************	PLEASE TYPE ANY CHARACTER AND PRESS	*************
	ENTER TO CONTINUE	*******
*******************************		CS 589 Fall 2016 PROJECT
	*************	**************
********	*******	*******
TEST DRIVER FOR Vending Machine ************************************		
*******	******	
PLEASE TYPE ANY CHARACTER AND PRESS		PLEASE TYPE ANY CHARACTER AND PRESS
1. coin() ENTER TO CONTINUE	1. coin()	ENTER TO CONTINUE
	*	**************
3. large cup() ************************************	— · · ·	*******
4. sugar() TEST DRIVER FOR Vending Machine		TEST DRIVER FOR Vending Machine
	- "	**************
6. insert large cups(int n) **********************************	· ·	*******
7. insert small cups(int n)		
8. set price(int n) 1. coin()		1. coin()
9. cancel() 2. small cup()		V
10. dispose() 3. large cup()	v	— · ·
4. sugar()		
Testing Related Methods 5. tea()	Testing Related Methods	- "
11. displayState() 6. insert large cups(int n)		V
12. displayPrice() 7. insert small cups(int n)	- · ·	
13. displayTotalSmallCups() 8. set price(int n)	- · ·	
14. displayTotalLargeCups() 9. cancel()	- ·	
15. displaySelection() 10. dispose()	- · ·	10. dispose()
16. Quit Vending Machine Class Driver Testing Related Methods	16. Quit Vending Machine Class Driver	
11. displayState()		* * v
12. displayPrice()		
13. displayTotalSmallCups()		* *
14. displayTotalLargeCups()		- · · · · · · · · · · · · · · · · · · ·
Select a choice: 15. displaySelection()		15. displaySelection()
tea() Method 16. Quit Vending Machine Class Driver	tea() Method	16. Quit Vending Machine Class Driver
Returned value is: 0	Returned value is: 0	
PLEASE TYPE ANY CHARACTER AND PRESS	PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE Select a choice :		Select a choice :
8		8
TestCase#18: set price(int n) Method	TestCase#18:	set price(int n) Method
Enter the price		

Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	a
ENTER TO CONTINUE	************
a	********
************	TEST DRIVER FOR Vending Machine
********	************
TEST DRIVER FOR Vending Machine	********

******	1. coin()
	2. small cup()
1. coin()	3. large cup()
2. small cup()	4. sugar()
3. large cup()	5. tea()
4. sugar()	6. insert large cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert large cups(int n)	8. set price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set price(int n)	10. dispose()
9. cancel()	10. 4.56000()
10. dispose()	Testing Related Methods
To: dispose()	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	13. displaysorection()
15. displaySelection()	16. Quit Vending Machine Class Driver
13. displayselection()	10. Quit vending Machine Class Differ
16. Quit Vending Machine Class Driver	
	Select a choice :
	1
Select a choice :	coin() Method
6	
insert_large_cups(int n) Method	
Enter the number of large cups to be inserted	Returned value is: 1
1	

Returned value is: 1

PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	•
7. insert_small_cups(int n)	Testing Related Methods
8. set_price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
1 0	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	5 (
14. displayTotalLargeCups()	
15. displaySelection()	
()	
16. Quit Vending Machine Class Driver	Select a choice :
, e	5
	tea() Method
	DISPOSE LARGE CUP OF TEA
Select a choice :	Returned value is: 1
3	
large cup() Method	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
Returned value is: 1	a

PLEASE TYPE ANY CHARACTER AND PRESS	*******
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine
a	****************
*************	*******

 coin() small_cup() large_cup() sugar() tea() insert_large_cups(int n) insert_small_cups(int n) set_price(int n) cancel() 	 3. large_cup() 4. sugar() 5. tea() 6. insert_large_cups(int n) 7. insert_small_cups(int n) 8. set_price(int n) 9. cancel() 10. dispose()
10. dispose()	Testing Related Methods
Testing Related Methods 11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups()	11. displayState() 12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()
15. displaySelection()	16. Quit Vending Machine Class Driver
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	Select a choice: 6 insert_large_cups(int n) Method Enter the number of large cups to be inserted 0
	Returned value is: 0
Returned value is: 0	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
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 ************************************	************ TEST DRIVER FOR Vending Machine
*********	************
1 coin()	*********
1. coin() 2. small_cup()	1. coin()

2. small_cup()	4. sugar()
3. large_cup()	5. tea()
4. sugar()	6. insert_large_cups(int n)
5. tea()	7. insert_small_cups(int n)
6. insert_large_cups(int n)	8. set_price(int n)
7. insert_small_cups(int n)	9. cancel()
8. set_price(int n)	10. dispose()
9. cancel()	
10. dispose()	Testing Related Methods
	11. displayState()
Testing Related Methods	12. displayPrice()
11. displayState()	13. displayTotalSmallCups()
12. displayPrice()	14. displayTotalLargeCups()
13. displayTotalSmallCups()	15. displaySelection()
14. displayTotalLargeCups()	
15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice :
	10
Select a choice :	dispose() Method
8	dispose() ivietnou
set price(int n) Method	Returned value is: 0
Enter the price	Returned value is . 0
50	PLEASE TYPE ANY CHARACTER AND PRESS
50	ENTER TO CONTINUE
Returned value is: 0	a *******************************
Returned value is . 0	******
PLEASE TYPE ANY CHARACTER AND PRESS	
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************

a ***************	
******	1 asim()
	1. coin()
TEST DRIVER FOR Vending Machine ************************************	2. small_cup()
	3. large_cup()
**********	4. sugar()
1	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)

9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
•	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
13. displayTotalSmallCups()	
14. displayTotalLargeCups()	
15. displaySelection()	
16. Quit Vending Machine Class Driver	Select a choice :
	3
	large cup() Method
	Returned value is: 0
Select a choice:	
2	PLEASE TYPE ANY CHARACTER AND PRESS
small_cup() Method	ENTER TO CONTINUE
_ 10	
Returned value is: 0	***************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	*****************

********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
************	3. large_cup()
********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
- "	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	

16. Quit Vending Machine Class Driver	Select a choice : 9
	cancel() Method
	Returned value is: 0
Select a choice :	
4	PLEASE TYPE ANY CHARACTER AND PRESS
sugar() Method	ENTER TO CONTINUE
Returned value is: 0	**************

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	**************
a	*********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()
*************	3. large_cup()
*********	4. sugar()
	5. tea()
1. coin()	6. insert_large_cups(int n)
2. small_cup()	7. insert_small_cups(int n)
3. large_cup()	8. set_price(int n)
4. sugar()	9. cancel()
5. tea()	10. dispose()
6. insert_large_cups(int n)	
7. insert_small_cups(int n)	Testing Related Methods
8. set_price(int n)	11. displayState()
9. cancel()	12. displayPrice()
10. dispose()	13. displayTotalSmallCups()
	14. displayTotalLargeCups()
Testing Related Methods	15. displaySelection()
11. displayState()	
12. displayPrice()	16. Quit Vending Machine Class Driver
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	Select a choice :
ENTER TO CONTINUE	6
	insert_large_cups(int n) Method
TestCase#19:	Enter the number of large cups to be inserted
*************	1

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*************	Returned value is: 1

	PLEASE TYPE ANY CHARACTER AND PRESS
	ENTER TO CONTINUE
	a
PLEASE TYPE ANY CHARACTER AND PRESS	**************
ENTER TO CONTINUE	********
*************	TEST DRIVER FOR Vending Machine
********	***************
TEST DRIVER FOR Vending Machine	********

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

Select a choice:

8	
set_price(int n) Method	
Enter the price	Returned value is: 1
5	
	PLEASE TYPE ANY CHARACTER AND PRESS ENTER TO CONTINUE
Returned value is: 1	a ****************
PLEASE TYPE ANY CHARACTER AND PRESS	*********
ENTER TO CONTINUE	TEST DRIVER FOR Vending Machine ************************************
*************	*********

TEST DRIVER FOR Vending Machine ************************************	 coin() small_cup() large_cup() sugar()
1. coin()	5. tea()
2. small cup()	6. insert large cups(int n)
3. large_cup()	7. insert small cups(int n)
4. sugar()	8. set price(int n)
5. tea()	9. cancel()
6. insert large cups(int n)	10. dispose()
7. insert_small_cups(int n)	•
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice() 13. displayTotalSmallCups() 14. displayTotalLargeCups() 15. displaySelection()	16. Quit Vending Machine Class Driver
16. Quit Vending Machine Class Driver	
	Select a choice : 4 sugar() Method
Select a choice: 1 coin() Method	Returned value is: 1

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

PLEASE TYPE ANY CHARACTER AND PRESS	TEST DRIVER FOR Vending Machine
ENTER TO CONTINUE	***************
a	*********

*********	1. coin()
TEST DRIVER FOR Vending Machine	2. small_cup()

3. large_cup()	7. insert_small_cups(int n)
4. sugar()	8. set_price(int n)
5. tea()	9. cancel()
6. insert_large_cups(int n)	10. dispose()
7. insert small cups(int n)	
8. set price(int n)	Testing Related Methods
9. cancel()	11. displayState()
10. dispose()	12. displayPrice()
	13. displayTotalSmallCups()
Testing Related Methods	14. displayTotalLargeCups()
11. displayState()	15. displaySelection()
12. displayPrice()	
13. displayTotalSmallCups()	16. Quit Vending Machine Class Driver
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
Select a choice:	0
5	v
tea() Method	
DISPOSE LARGE CUP OF TEA WITH SUGAR	Returned value is: 0
DISTOSE EXIRGE COT OF TEXT WITH SOUTH	returned value is . V
Returned value is: 1	PLEASE TYPE ANY CHARACTER AND PRESS
Totalied value is . 1	ENTER TO CONTINUE
PLEASE TYPE ANY CHARACTER AND PRESS	ENTER TO CONTINUE
ENTER TO CONTINUE	TestCase#20:

a **************	*******
********	CS 589 Fall 2016 PROJECT
TEST DRIVER FOR Vending Machine	************************************
**************************************	********

1 coin()	
1. coin() 2. small cup()	PLEASE TYPE ANY CHARACTER AND PRESS
- * *	ENTER TO CONTINUE
3. large_cup()	ENTER TO CONTINUE ******************************
4. sugar()	******
5. tea()	
6. insert_large_cups(int n)	TEST DRIVER FOR Vending Machine

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

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

- 4. sugar()
- 5. tea()
- 6. insert_large_cups(int n)
- 7. insert small cups(int n)
- 8. set price(int n)
- 9. cancel()
- 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 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. Inspite 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"

```
s=1;
using namespace std;
                                                                            return 1;
                                                                     }
VendingMachine() {
                                                                     return 0;
       k1=0:
                                                             }
       k=0;
       t=0;
                                                             int VendingMachine::sugar() {
                                                                     if ((x==2)||(x==3)) {
       price=0;
       x=1;
                                                                            if(x==2) x=3;
                                                                            else x=2;
}
                                                                            return 1;
int VendingMachine::coin() {
                                                                     return 0;
       if (x==1) {
                                                             }
               if ((t+25>=price)&&(price>0)) {
                      s=0;
                      t=0;
                                                             int VendingMachine::tea() {
                      x=2;
                                                                     if ((x==2)||(x==3)) {
                                                                            if((x==2)\&\&(k1>1)\&\&(s==2)) {
                      return 1;
                                                                                    cout << "DISPOSE SMALL CUP
               else if(t+25<price) {
                                                             OF TEA" << endl;
                      t=t+25;
                                                                                    k1=k1-1;
                      return 1;
                                                                                    x=1;
               }
                                                                                    return 1;
       else if ((x>1)&&(x<6)) {
                                                                            else if ((x==2)&&(k>1)&&(s==1)) {
               cout << "RETURN COIN" << endl;
                                                                                    cout<<"DISPOSE LARGE CUP
                                                             OF TEA"<<endl;
               return 1;
       }
                                                                                    k=k-1;
       return 0;
                                                                                    x=1;
}
                                                                                    return 1;
                                                                            else if ((x==2)&&(k==1)&&(s==1)) {
int VendingMachine::small cup() {
                                                                                    cout<<"DISPOSE LARGE CUP
       if ((x==2)||(x==3)) {
                                                             OF TEA" << endl;
               s=2;
                                                                                    k=k-1;
               return 1;
                                                                                    x=5;
                                                                                    return 1;
       return 0;
}
                                                                            else if ((x==2)&&(k1==1)&&(s==2)) {
                                                                                    cout << "DISPOSE SMALL CUP
int VendingMachine::large cup() {
                                                             OF TEA" << endl:
       if ((x==2)||(x==3)) {
                                                                                    k1=k1-1;
```

```
x=4;
                                                                           x=1;
                      return 1;
                                                                           return 1;
               else if ((x==3)&&(k1==1)&&(s==2)) {
                                                                   return 0;
                      cout << "DISPOSE SMALL CUP
OF TEA WITH SUGAR"<<endl;
                      k1=k1-1;
                                                            int VendingMachine::insert small cups(int n) {
                                                                   if ((x==1)&&(n>0)) {
                      x=4;
                                                                           k1=k1+n;
                      return 1;
                                                                           return 1;
               else if ((x==3)&&(k==1)&&(s==1)) {
                      cout << "DISPOSE LARGE CUP
                                                                    else if ((x==4)&&(n>0)) {
OF TEA WITH SUGAR"<<endl;
                                                                           k1=n;
                      k=k-1;
                                                                           x=1;
                      x=5;
                                                                           return 1;
                      return 1;
                                                                   return 0;
               if((x==3)&&(k1>1)&&(s==2)) {
                      cout << "DISPOSE SMALL CUP
OF TEA WITH SUGAR"<<endl:
                                                            int VendingMachine::set price(int p) {
                                                                   if ((x==1)&&(p>0)) {
                      k1=k1-1;
                      x=1;
                                                                           price=p;
                      return 1;
                                                                           return 1;
               else if ((x==3)&&(k>1)&&(s==1)) {
                                                                   return 0;
                      cout<<"DISPOSE LARGE CUP
OF TEA WITH SUGAR"<<endl;
                      k=k-1;
                      x=1;
                                                            int VendingMachine::cancel() {
                                                                    if ((x==2)||(x==3)) {
                      return 1;
                                                                           cout << "RETURN COINS" << endl;
               return 0;
                                                                           x=1;
                                                                           return 1;
       return 0;
}
                                                                   return 0;
                                                            }
int VendingMachine::insert large cups(int n) {
       if ((x==1)&&(n>0)) {
                                                            int VendingMachine::dispose() {
               k=k+n;
                                                                    if ((x==1)) {
               return 1;
                                                                           cout << "SHUT DOWN" << endl;
                                                                           x=6;
       else if ((x==5)&&(n>0)) {
                                                                           return 1;
               k=n;
                                                                    }
```

```
return 0;
                                                                            VendingMachine();
                                                                            int coin();
}
                                                                            int small cup();
void VendingMachine::displayState() {
                                                                            int large cup();
switch(x)
                                                                            int sugar();
                                                                            int tea();
        case 1 : cout << "State idle" << endl;
                                                                            int insert large cups(int);
                 break;
                                                                            int insert small cups(int);
                                                                            int set price(int p);
        case 2 : cout<<"State coins inserted"<<endl;</pre>
                                                                            int cancel();
                 break;
                                                                            int dispose();
                                                                            void displayState();
        case 3 : cout<<"State sugar"<<endl;</pre>
                                                                            void displayPrice();
                                                                            void displayTotalSmallCups();
                 break;
                                                                            void displayTotalLargeCups();
                                                                            void displaySelection();
        case 4 : cout << "State no small cups" << endl;
                 break:
        case 5 : cout << "State no large cups" << endl;
                 break;
                                                                    private:
        }
                                                                    int x;
};
                                                                    int price;
                                                                    int k;
void VendingMachine::displayPrice() {
                                                                    int k1;
cout<<"Price: "<<pri>rice<<"t:"<<t<<endl;</pre>
                                                                    int t;
};
                                                                    int s;
void VendingMachine::displayTotalSmallCups() {
                                                                    };
cout << "Total Small Cups: "<< k1 << endl;
                                                                    3. testDriver.cpp
                                                                    #include <iostream>
};
                                                                    #include <stdio.h>
void VendingMachine::displayTotalLargeCups() {
                                                                    #include <string.h>
cout<<"Total Large Cups : "<<k<<endl;</pre>
                                                                    #include "VendingMachine.h"
};
                                                                    void PutLines(int n)
                                                                    {
void VendingMachine::displaySelection() {
                                                                    int i;
cout<<"Selected cup : "<<s<endl;</pre>
                                                                    for (i=1;i< n;i++)
}
                                                                            std::cout<<std::endl;
                                                                    }
2. VendingMachine.h
class VendingMachine {
                                                                    void clearscreen()
public:
                                                                    PutLines(40);
```

```
std::cout<<" "<<std::endl;
}
                                                               std::cout<<"1. coin()"<<std::endl;
                                                             std::cout<<"2. small cup()"<<std::endl;
void cont()
                                                               std::cout<<"3. large cup()"<<std::endl;
                                                               std::cout<<"4. sugar()"<<std::endl;
                                                               std::cout<<"5. tea()"<<std::endl;
char key;
std::cout<<" "<<std::endl;
                                                               std::cout<<"6. insert large cups(int
std::cout<<"PLEASE TYPE ANY CHARACTER AND
                                                       n)"<<std::endl;
PRESS ENTER TO CONTINUE....."<<std::endl;
                                                               std::cout<<"7. insert small cups(int
                                                        n)"<<std::endl;
std::cin>>key;
                                                               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;
int main()
                                                               std::cout<<"Testing Related
                                                        Methods" << std::endl;
int temp;
int l,s,pr;
                                                               std::cout<<"11. displayState()"<<std::endl;
int ch;
                                                               std::cout<<"12. displayPrice()"<<std::endl;
clearscreen();
                                                               std::cout<<"13.
std::cout <<
                                                        displayTotalSmallCups()"<<std::endl;
"****************
                                                               std::cout << "14.
displayTotalLargeCups()"<<std::endl;</pre>
std::cout << "
                CS 589 PROJECT Fall 2016"
                                                               std::cout<<"15. displaySelection()"<<std::endl;
                                                               std::cout<<""<<std::endl;
<<std::endl;
                                                               std::cout<<"16. Quit Vending Machine Class
std::cout <<
**********************************
                                                       Driver"<<std::endl;
PutLines(5);
PutLines(3);
                                                               std::cout<<"Select a choice : "<<std::endl;
cont();
                                                               std::cin>>ch;
VendingMachine VM;
                                                              switch(ch)
do
                                                                     case 1 : clearscreen();
   clearscreen();
                                                                             std::cout<<"coin()
       std::cout <<
                                                        Method"<<std::endl:
"*****************
                                                                          std::cout<<" "<<std::endl;
temp=VM.coin();
       std::cout<<"TEST DRIVER FOR Vending
                                                                             std::cout<<" "<<std::endl;
Machine" << std::endl;
     std::cout <<
                                                                             std::cout<<"Returned value is:
"************************************
                                                        "<<temp<<std::endl;
cont();
```

```
break:
                                                                 std::cout<<"insert large cups(int n) Method"<<std::endl;
                case 2 : clearscreen();
                                                                                         std::cout<<"Enter the number of
                        std::cout<<"small cup()
                                                                 large cups to be inserted"<<std::endl;
Method"<<std::endl;
                                                                                         std::cin>>l:
                                                                                   std::cout<<" "<<std::endl;
                        temp=VM.small cup();
                  std::cout<<" "<<std::endl;
                                                                                         temp=VM.insert large cups(l);
                        std::cout<<"Returned value is:
                                                                                   std::cout<<" "<<std::endl:
"<<temp<<std::endl;
                                                                                         std::cout<<"Returned value is:
                                                                 "<<temp<<std::endl;
                        cont();
                        break;
                                                                                         cont();
                                                                                         break;
                case 3 : clearscreen();
                        std::cout<<"large_cup()
                                                                                 case 7 : clearscreen();
Method" << std::endl;
                        temp=VM.large cup();
                                                                 std::cout<<"insert small cups(int n)
                  std::cout<<" "<<std::endl;
                                                                 Method" << std::endl;
                        std::cout<<"Returned value is:
                                                                                         std::cout<<"Enter the number of
                                                                 small cups to be inserted"<<std::endl;
"<<temp<<std::endl;
                                                                                         std::cin>>s;
                        cont();
                                                                                   std::cout<<" "<<std::endl;
                        break;
                                                                                         temp=VM.insert small cups(s);
                                                                                   std::cout<<" "<<std::endl:
                case 4 : clearscreen();
                                                                                         std::cout<<"Returned value is:
                        std::cout<<"sugar()
Method" << std::endl;
                                                                 "<<temp<<std::endl;
                        temp=VM.sugar();
                                                                                         cont();
                  std::cout<<" "<<std::endl:
                                                                                         break:
                        std::cout<<"Returned value is:
"<<temp<<std::endl;
                                                                                 case 8 : clearscreen();
                                                                                         std::cout<<"set price(int n)
                        cont();
                        break;
                                                                 Method" << std::endl;
                                                                                         std::cout<<"Enter the
               case 5 : clearscreen();
                                                                 price"<<std::endl;
                        std::cout<<"tea()
                                                                                         std::cin>>pr;
Method" << std::endl;
                                                                                   std::cout<<" "<<std::endl;
                        temp=VM.tea();
                  std::cout<<" "<<std::endl;
                                                                 temp=VM.set price(pr);
                        std::cout<<"Returned value is:
                                                                                   std::cout<<" "<<std::endl;
                                                                                         std::cout<<"Returned value is:
"<<temp<<std::endl;
                        cont();
                                                                 "<<temp<<std::endl;
                        break;
                                                                                         cont();
                                                                                         break:
```

case 6 : clearscreen();

```
case 9 : clearscreen();
                        std::cout<<"cancel()
                                                                std::cout<<"displayTotalLargeCups()
Method" << std::endl;
                                                                Method" << std::endl;
                        temp=VM.cancel();
                                                                                          VM.displayTotalLargeCups();
                  std::cout<<" "<<std::endl:
                                                                               cont():
                        std::cout<<"Returned value is:
                                                                                          break;
"<<temp<<std::endl;
                                                                                 case 15 : clearscreen();
                        cont();
                        break;
                                                                                          std::cout<<"displaySelection()</pre>
                                                                Method" << std::endl;
                                                                                          VM.displaySelection();
                case 10 : clearscreen();
                        std::cout<<"dispose()
                                                                               cont();
Method" << std::endl;
                                                                                          break;
                        temp=VM.dispose();
                  std::cout<<" "<<std::endl;
                                                                                 case 16 : clearscreen();
                        std::cout<<"Returned value is:
                                                                                          std::cout<<"VENDING
                                                                MACHINE TEST DRIVER IS QUITTING
"<<temp<<std::endl;
                        cont();
                                                                !!!"<<std::endl;
                                                                                    std::cout<<" "<<std::endl;
                        break;
                                                                                          break:
                case 11 : clearscreen();
                         std::cout<<"displayState()</pre>
Method" << std::endl:
                                                                                 default : std::cout<<"PLEASE SELECT
                                                                A CORRECT CHOICE FROM MENU !!! "<<std::endl;
                         VM.displayState();
                                                                                          std::cout<<" "<<std::endl;
              cont();
                         break;
                                                                                 cont();
                                                                                          break:
                case 12 : clearscreen();
                                                                                 }
                         std::cout<<"displayPrice()</pre>
Method" << std::endl;
                                                                         }while(ch!=16);
                         VM.displayPrice();
                                                                return 0;
              cont();
                         break;
                case 13 : clearscreen();
std::cout<<"displayTotalSmallCups()
Method" << std::endl:
                         VM.displayTotalSmallCups();
              cont();
                         break;
                case 14 : clearscreen();
```