**Test case 1:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

Enter any Input Value:

6

Enter Amount:

15

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 15

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

Enter any Input Value:

5

Previous State:3

TRANSACTION IS CANCELLED.

$15 OF CASH IS RETURNED

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 15

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 15

**test case 2:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

15

Reject

Previous State:2

CREDIT CARD IS REJECTED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

**test case 3:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

20

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

7

Previous State:3

REGULAR IS SELECTED.

New State:4

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:4

PUMP IS READY TO DISPOSE

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:5

PUMP STOPPED.

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

$20 OF CASH IS RETURNED

DO YOU WANT A RECEIPT?

New State:6

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

12

Previous State:6

RECEIPT IS PRINTED:

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

**test case:4**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

7

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 7

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 7

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 7

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

13

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 7

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 7

**test case 5:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

8

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

12

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

**test case 6:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

8

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 8

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 8

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 8

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

13

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 8

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:3

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 8

**test case :7**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

20

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

7

Previous State:3

REGULAR IS SELECTED.

New State:4

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:4

PUMP IS READY TO DISPOSE

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:5

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

CONTINUE PUMPING

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:5

PUMP STOPPED.

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

$5 OF CASH IS RETURNED

DO YOU WANT A RECEIPT?

New State:6

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

12

Previous State:6

RECEIPT IS PRINTED:

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

**test case 8:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

6

Enter Amount:

20

Previous State:1

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

7

Previous State:3

REGULAR IS SELECTED.

New State:4

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:4

PUMP IS READY TO DISPOSE

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 0 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:5

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

CONTINUE PUMPING

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:5

PUMP STOPPED. NOT SUFFICIENT FUNDS.

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

$5 OF CASH IS RETURNED

DO YOU WANT A RECEIPT?

New State:6

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

12

Previous State:6

RECEIPT IS PRINTED:

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $15

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 15 TOTAL: 15 CASH: 20

**test case 9:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

4

Previous State:2

CREDIT CARD APPROVED.

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

5

Previous State:3

TRANSACTION IS CANCELLED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

**testcase 10:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

4

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

7

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

13

Previous State:0

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

15

Reject

Previous State:2

CREDIT CARD IS REJECTED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

**testcase 11**:

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

4

Previous State:2

CREDIT CARD APPROVED.

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

8

Previous State:3

SUPER IS SELECTED.

New State:4

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

9

Previous State:4

PUMP IS READY TO DISPOSE

# OF GALLONS PUMPED: 0

TOTAL CHARGE: $0

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:5

# OF GALLONS PUMPED: 1

TOTAL CHARGE: $20

CONTINUE PUMPING

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 20 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

10

Previous State:5

# OF GALLONS PUMPED: 2

TOTAL CHARGE: $40

CONTINUE PUMPING

New State:5

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

11

Previous State:5

PUMP STOPPED.

# OF GALLONS PUMPED: 2

TOTAL CHARGE: $40

DO YOU WANT A RECEIPT?

New State:6

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

12

Previous State:6

RECEIPT IS PRINTED:

# OF GALLONS PUMPED: 2

TOTAL CHARGE: $40

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

15

Reject

Previous State:2

CREDIT CARD IS REJECTED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 20 TOTAL: 40 CASH: 0

**testcase 12**:

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

4

Previous State:2

CREDIT CARD APPROVED.

SELECT TYPE OF GASOLINE:

a. REGULAR

b. SUPER

New State:3

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

5

Previous State:3

TRANSACTION IS CANCELLED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

2

Previous State:0

WELCOME!!!

DO YOU WANT TO PAY BY CASH OR CREDIT CARD?

New State:1

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

3

Previous State:1

CHECKING CREDIT CARD.

New State:2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

15

Reject

Previous State:2

CREDIT CARD IS REJECTED.

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

**testcase 13:**

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

1

Enter Value of a:

15

Enter Value of b:

20

Previous State:-1

GAS PUMP IS ON

New State:0

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0

1.Activate

2.Start

3.PayCredit

4.Approved

5.Cancel

6. PayCash

7.Regular

8.Super

9.StartPump

10.PumpGallon

11.StopPump

12.Receipt

13.NoReceipt

14.TurnOff

15.Reject

Enter any Input Value:

14

Previous State:0

GAS PUMP IS TURNED OFF

New State:-2

RPRICE: 15 SPRICE: 20 PRICE: 0 TOTAL: 0 CASH: 0