Test logs:

I.(a)This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to set up shop: 1

Enter the name of 1st product: alpha

Enter the per package price of alpha: 10

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for alpha, or 0 if no Special Discount offered: 1

Enter the dollar amount to qualify for Additional Discount (or 0 if none offered): 200

Enter the Additional Discount rate (e.g., 0.1 for 10%): .1

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

(b) This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to set up shop: 2

Enter the name of 1st product: alpha

Enter the per package price of alpha: 10

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for alpha, or 0 if no Special Discount offered: 1

Enter the name of 2nd product: beta

Enter the per package price of beta: 20

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for beta, or 0 if no Special Discount offered: 2

Enter the dollar amount to qualify for Additional Discount (or 0 if none offered): 0

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

(c) This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to set up shop: 10

Enter the name of 1st product: a

Enter the per package price of a: 10

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for a, or 0 if no Special Discount offered: 50

Enter the name of 2nd product: b

Enter the per package price of b: 2

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for b, or 0 if no Special Discount offered: 64

Enter the name of 3rd product: c

Enter the per package price of c: 333

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for c, or 0 if no Special Discount offered: 5

Enter the name of 4th product: d

Enter the per package price of d: 44

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for d, or 0 if no Special Discount offered: 12

Enter the name of 5th product: eggos

Enter the per package price of eggos: 6

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for eggos, or 0 if no Special Discount offered: 5

Enter the name of 6th product: tane

Enter the per package price of tane: 89

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for tane, or 0 if no Special Discount offered: 7

Enter the name of 7th product: games

Enter the per package price of games: 42

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for games, or 0 if no Special Discount offered: 5

Enter the name of 8th product: DVDs

Enter the per package price of DVDs: 4

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for DVDs, or 0 if no Special Discount offered: 5

Enter the name of 9th product: seats

Enter the per package price of seats: 50

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for seats, or 0 if no Special Discount offered: 3

Enter the name of 10th product: TV

Enter the per package price of TV: 90

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for TV, or 0 if no Special Discount offered: 2

Enter the dollar amount to qualify for Additional Discount (or 0 if none offered): 0

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

II.(a) This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 2

The shop has not been set up yet!

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

II.(b) This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to set up shop: 1

Enter the name of 1st product: alpha

Enter the per package price of alpha: 60

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for alpha, or 0 if no Special Discount offered: 12

Enter the dollar amount to qualify for Additional Discount (or 0 if none offered): 100

Enter the Additional Discount rate (e.g., 0.1 for 10%): .25

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 2

Enter the number of alpha packages to buy: 5

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 3

5 package of alpha @ $60.00 = $300.00

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 2

Enter the number of alpha packages to buy: 0

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 3

No items were purchased.

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

III.(a) This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 3

The shop has not been set up yet!

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want:

(b)This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to set up shop: 1

Enter the name of 1st product: omega

Enter the per package price of omega: 90

Enter the number of packages ('x') to qualify for Special Discount (buy 'x' get 1 free)

for omega, or 0 if no Special Discount offered: 5

Enter the dollar amount to qualify for Additional Discount (or 0 if none offered): 200

Enter the Additional Discount rate (e.g., 0.1 for 10%): .14

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: 3

You have not bought anything!

This program support 4 functions

1. Set up shop

2. Buy

3. List items

4. Checkout

Please choose the function you want: