Test case

**Test Case: 1**

I-1: Inputed 1 to create 2 quantities

I-2: Created 2 quantities

I-3: named the quanities “a” and “b”

I-4: Price of “a” is 1

I-5: Price of “b” is 2

I-6: The special discount is the same as the prices for both quantities

I-7: Establish the dollar amount to 100

I-8: Additional discount rate established at .2

II-1: 5 packages ordered of “a”

II-2: 6 packages ordered of “b”

III-1: List both items.

IV-1: Summarize the items

IV-2: End program

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to setup shop: 2

Enter the name of the 1st product: a

Enter the per package price of a: 1

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: 1

Enter the name of the 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: 2

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%): .2

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 2

Enter the number of a packages to buy: 5

Enter the number of b packages to buy: 6

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 3

5 packages of a @ $1.0 per pkg = $5.00

6 packages of b @ $2.0 per pkg = $12.00

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 4

Original Sub Total: $17.00

Special Discounts: -$6.00

New Sub Total: $11.00

You did not qualify for an Additional Discount

Final Sub Total: $11.00

Thanks for coming!

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Would you like to re-run (1 for yes, 0 for no)? 0

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**Test Case: 2**

II-1: Inputed 2 before 1

III-1: Inputed 3 before 1

I-1: Created 1 quantity named “cookie”

I-2: Each cookie is set at 2$

I-3: Set with no special discount which is 0

I-4: Dollar amount is established to 100

I-5: Additional discount rate established at .2

II-1 set to to buy 1 cookie package

III-1: Summarize the order that has been made

IV-1: Summarized total.

IV-2: End program

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 2

Shop is not set up yet!

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 3

Shop is not set up yet!

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to setup shop: 1

Enter the name of the 1st product: cookie

Enter the per package price of cookie: 2

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

for cookie, or 0 if no Special Discount offered: 0

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%): .2

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 2

Enter the number of cookie packages to buy: 1

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 3

1 package of cookie @ $2.0 per pkg = $2.00

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 4

Original Sub Total: $2.00

Special Discounts: -$2.00

New Sub Total: $0.00

You did not qualify for an Additional Discount

Final Sub Total: $0.00

Thanks for coming!

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Would you like to re-run (1 for yes, 0 for no)? 0

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**Test Case: 3**

I-1: Establish the shop which will have 4 conditions Shampoo, conditioner, razor, and toothbrush

I-2: Establish Shampoo price to 9

I-3: Establish every 5th (aka 6th) package to be free

I-2: Have conditioner price to 10

I-3: Establish razor price to 15

I-4: Establish toothbrush price to 1

I-5: Establish the dollar amount to 100

I-6: Additional discount rate at .3

II-1: Make the amount that needs to when being bought established which comes to 5 shampoos, 7 conditioners, 3 razor, and 9 toothbrushes.

III-1: Summarize the order that has been made

IV-1: Summarized total.

IV-2: End program.

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 1

Please enter the number of items to setup shop: 4

Enter the name of the 1st product: shampoo

Enter the per package price of shampoo: 9

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

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

Enter the name of the 2nd product: conditioner

Enter the per package price of conditioner: 10

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

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

Enter the name of the 3rd product: razor

Enter the per package price of razor: 15

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

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

Enter the name of the 4th product: toothbrush

Enter the per package price of toothbrush: 1

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

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

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%): .3

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 2

Enter the number of shampoo packages to buy: 5

Enter the number of conditioner packages to buy: 7

Enter the number of razor packages to buy: 3

Enter the number of toothbrush packages to buy: 9

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 3

5 packages of shampoo @ $9.0 per pkg = $45.00

7 packages of conditioner @ $10.0 per pkg = $70.00

3 packages of razor @ $15.0 per pkg = $45.00

9 packages of toothbrush @ $1.0 per pkg = $9.00

This program supports 4 functions:

1. Setup Shop

2. Buy

3. List Items

4. Checkout

Please choose the function you want: 4

Original Sub Total: $169.00

Special Discounts: -$11.00

New Sub Total: $158.00

Additional 30% Discount: -$47.40

Final Sub Total: $110.60

Thanks for coming!

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Would you like to re-run (1 for yes, 0 for no)? 0

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