The goal of this assignment was to create a program to order a snack from with a parent class and two children classes.

Test #	Input	Expected Output	Actual Output	PASS/FAIL
1	(1) Order A Snack (2) Exit Enter Selection Here: 2	Exit the program cleanly	Goodbye! Then program exits	PASS
2	(1) Order A Snack (2) Exit Enter Selection Here: 1 Type of snack? Fruity Size: S Addition: true	Name of snack selected, ID, size and Price ---25.98	Fruit Snack: ID: 100 Size: S Additional Citrus: true Price: $25.98	PASS
3	(1) Order A Snack (2) Exit Enter Selection Here:1 Type of snack? FRUITY Size: M Addition: FALSE	Name of snack selected, ID, Size and Price --- 29.99	Fruit Snack: ID: 101 Size: M Additional Citrus: false Price: $29.99	PASS
4	(1) Order A Snack (2) Exit Enter Selection Here: 1 Type of snack? fruity Size: L Addition: false	Name of snack selected, ID, size and Price ---39.99	Fruit Snack: ID: 100 Size: L Additional Citrus: false Price: $39.99	PASS
5	(1) Order A Snack (2) Exit Enter Selection Here:1 Type of snack? SALTY Size: S Addition: TRUE	Name of snack selected, ID, size and Price --- 24.49	Salty Snack: ID: 100 Size: S Additional Nuts: true Price: $24.49	PASS
6	(1) Order A Snack (2) Exit Enter Selection Here:1 Type of snack? SALTY Size: M Addition: FALSE	Name of snack selected, ID, size and Price ---29.99	Salty Snack: ID: 100 Size: M Additional Nuts: false Price: $29.99	PASS

TEST CASE #1:

```
32
33              System.out.print("What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: ");
34              snackType = input.nextLine();
35
36              if (snackType.equals("1") || snackType.equals("2"))
37                  snackChoice = snackType;
38
39              else {
40
41                  System.err.println("Invalid Input! Try Again!");
42                  continue;
43              }
44              // Validate and determine size of snack.
45              System.out.print("What size do you want? (S, M, L): ");
46              snackSize = input.nextLine().toUpperCase();
47
48              if (snackSize.equals("S")|| snackSize.equals("M")
```

```
Console ×
<terminated> OrderSystem [Java Application] C:\Users\hello\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.0.v20211012-1059\
         ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 2
Goodbye!
```

TEST CASE #2:

```
Console ×
OrderSystem [Java Application] C:\Users\hello\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64
         ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 1
What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: 1
What size do you want? (S, M, L): s
Do you want citrus included?(True/False): true

Fruit Snack:
ID: 100
Size: S
Additional Citrus: true
Price: $25.98
```

TEST CASE #3:

```
         ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 1
What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: 1
What size do you want? (S, M, L): M
Do you want citrus included?(True/False): FALSE

Fruit Snack:
ID: 101
Size: M
Additional Citrus: false
Price: $29.99
```

TEST CASE #4:

```
Console ×
OrderSystem [Java Application] C:\Users\hello\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.0.v20211012-1059\jre\bin\javaw.exe  (Jun 13, 2022, 3:55:26 PM) [pid: 9172]
        ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 1
What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: 1
What size do you want? (S, M, L): L
Do you want citrus included?(True/False): FALSE

Fruit Snack:
ID: 100
Size: L
Additional Citrus: false
Price: $39.99
```

TEST CASE #5:

```
Console ×
OrderSystem [Java Application] C:\Users\hello\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.0.v20211012-1059
        ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 1
What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: 2
What size do you want? (S, M, L): S
Do you want nut included?(True/False): TRUE

Salty Snack:
ID: 100
Size: S
Additional Nuts: true
Price: $24.49
```

TEST CASE #6:

```
Console ×
OrderSystem [Java Application] C:\Users\hello\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.0.v20211012-1059\jre\b
        ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here: 1
What Type of Snack Do You Want:(1) Fruity Snack or (2) Salty Snack?: 2
What size do you want? (S, M, L): M
Do you want nut included?(True/False): FALSE

Salty Snack:
ID: 100
Size: M
Additional Nuts: false
Price: $29.99

        ### MENU ###

(1) Order A Snack
(2) Exit
Enter Selection Here:
```