

## System Test Plan for Club Store

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

Test ID	Description	Expected Results	Actual Results
test3Bottles2DayShippingValidDateOnEarlyBoundary	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Dr. Balik</p> <p>Month Day (e.g., 11 9): 10 15            Number of Water Bottles(\$10.00 each): 3            Number of Coffee Mugs(\$12.00 each): 0            Number of Tote Bags(\$18.00 each): 0            Shipping (S-standard, T-wo Day): T</p>	<p>Subtotal: \$ 30.00            Shipping: \$ 5.00            Total: \$ 35.00            Arrival Date: Mon, 10/17/2022</p> <p>Program Exits</p>	<p>Subtotal: \$ 30.00            Shipping: \$ 5.00            Total: \$ 35.00            Arrival Date: Mon, 10/17/2022</p> <p>Program Exits</p>
testNoItems	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Dr. Balik</p> <p>Month Day (e.g., 11 9): 10 20            Number of Water Bottles(\$10.00 each): 0            Number of Coffee Mugs(\$12.00 each): 0            Number of Tote Bags(\$18.00 each): 0</p>	<p>Subtotal: \$ 0.00            Shipping: \$ 0.00            Total: \$ 0.00</p> <p>Program Exits</p>	<p>Subtotal: \$ 0.00            Shipping: \$ 0.00            Total: \$ 0.00</p> <p>Program Exits</p>
testInvalidBottlesNearBoundary	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Dr. Balik</p> <p>Month Day (e.g., 11 9): 10 20</p>	<p>Invalid number</p> <p>Program Exits</p>	<p>Invalid number</p> <p>Program Exits</p>

	Number of Water Bottles(\$10.00 each): -1		
testInvalidDateNearEarlyBoundary  Author: Dr. Balik	<i>Preconditions:</i> ClubStore program started  <<Header>>  Month Day (e.g., 11 9): 10 14	Invalid date  Program Exits	Invalid date  Program Exits
testInvalidCouponCode  Author: Dr. Balik	<i>Preconditions:</i> ClubStore program started  <<Header>>  Month Day (e.g., 11 9): 10 21 Number of Water Bottles(\$10.00 each): 2 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): 0 Shipping (S-tandard, T-wo Day): s Coupon (y,n): y Coupon Code: PACK2021	Invalid code  Subtotal: \$ 20.00 Shipping: \$ 3.00 Total: \$ 23.00 Arrival Date: Wed, 10/26/2022  Program Exits	Invalid code  Subtotal: \$ 20.00 Shipping: \$ 3.00 Total: \$ 23.00 Arrival Date: Wed, 10/26/2022  Program Exits
testInvalidShippingTypeX  Author: Dr. Balik	<i>Preconditions:</i> ClubStore program started  <<Header>>  Month Day (e.g., 11 9): 10 20 Number of Water Bottles(\$10.00 each): 2 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): 0 Shipping (S-tandard, T-wo Day): X	Invalid shipping  Program Exits	Invalid shipping  Program Exits
test2BottlesWithCoupon	<i>Preconditions:</i> ClubStore program started	Subtotal: \$ 20.00 Shipping: \$ 0.00	Subtotal: \$ 20.00 Shipping: \$ 0.00

Author: Dr. Balik	<p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 10 20  Number of Water Bottles(\$10.00 each): 2  Number of Coffee Mugs(\$12.00 each): 0  Number of Tote Bags(\$18.00 each): 0  Shipping (S-tandard, T-wo Day): S  Coupon (y,n): yellow  Coupon Code: PACK2022</p>	<p>Total: \$ 20.00  Arrival Date: Tue, 10/25/2022</p> <p>Program Exits</p>	<p>Total: \$ 20.00  Arrival Date: Tue, 10/25/2022</p> <p>Program Exits</p>
testOneOfEachItem	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 11 6  Number of Water Bottles(\$10.00 each): 1  Number of Coffee Mugs(\$12.00 each): 1  Number of Tote Bags(\$18.00 each): 1  Shipping (S-tandard, T-wo Day): S</p>	<p>Subtotal: \$ 40.00  Shipping: \$ 0.00  Total: \$ 40.00  Arrival Date: Fri, 11/11 2022</p> <p>Program Exits</p>	<p>Subtotal: \$ 40.00  Shipping: \$ 0.00  Total: \$ 40.00  Arrival Date: Fri, 11/11 2022</p> <p>Program Exits</p>
testNoCouponStandardShippingTwoMugs	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 10 21  Number of Water Bottles(\$10.00 each): 0  Number of Coffee Mugs(\$12.00 each): 2  Number of Tote Bags(\$18.00 each): 0  Shipping (S-tandard, T-wo Day): s  Coupon (y,n): none</p>	<p>Subtotal: \$ 24.00  Shipping: \$ 3.00  Total: \$ 27.00  Arrival Date: Wed, 10/26/2022</p> <p>Program Exits</p>	<p>Subtotal: \$ 24.00  Shipping: \$ 3.00  Total: \$ 27.00  Arrival Date: Wed, 10/26/2022</p> <p>Program Exits</p>

testFiveOfEachItem2 DayShippingArrivalDateNov6  Author: Mrs. Glatz	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 11 4  Number of Water Bottles(\$10.00 each): 5  Number of Coffee Mugs(\$12.00 each): 5  Number of Tote Bags(\$18.00 each): 5  Shipping (S-andard, T-wo Day): T</p>	Subtotal: \$200.00 Shipping: \$ 5.00 Total: \$205.00 Arrival Date: Sun, 11/6/2022  Program Exits	Subtotal: \$200.00 Shipping: \$ 5.00 Total: \$205.00 Arrival Date: Sun, 11/6/2022  Program Exits
testValidDateOnLateBoundary2BagsStandardShipping  Author: Benjamin Uy	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 11 30  Number of Water Bottles(\$10.00 each): 0  Number of Coffee Mugs(\$12.00 each): 0  Number of Tote Bags(\$18.00 each): 2  Shipping (S-andard, T-wo Day): S</p>	Subtotal: \$ 36.00 Shipping: \$ 0.00 Total: \$ 36.00 Arrival Date: Mon, 12/5/2022  Program Exits	Subtotal: \$ 36.00 Shipping: \$ 0.00 Total: \$ 36.00 Arrival Date: Mon, 12/5/2022  Program Exits
testInvalidMugsNearBoundary  Author: Benjamin Uy	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 10 25  Number of Water Bottles(\$10.00 each): 0  Number of Coffee Mugs(\$12.00 each): -1</p>	Invalid number  Program Exits	Invalid number  Program Exits

testInvalidToteBagsNearBoundary	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Benjamin Uy</p> <p>Month Day (e.g., 11 9): 10 25 Number of Water Bottles(\$10.00 each): 0 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): -1</p>	<p>Invalid number</p> <p>Program Exits</p>	<p>Invalid number</p> <p>Program Exits</p>
testInvalidDateNearLateBoundary	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Benjamin Uy</p> <p>Month Day (e.g., 11 9): 12 1</p>	<p>Invalid date</p> <p>Program Exits</p>	<p>Invalid date</p> <p>Program Exits</p>
testInvalidDateNov0	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Benjamin Uy</p> <p>Month Day (e.g., 11 9): 11 0</p>	<p>Invalid date</p> <p>Program Exits</p>	<p>Invalid date</p> <p>Program Exits</p>
testInvalidDateJuly20	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Author: Benjamin Uy</p> <p>Month Day (e.g., 11 9): 7 20</p>	<p>Invalid date</p> <p>Program Exits</p>	<p>Invalid date</p> <p>Program Exits</p>
testInvalidShippingTypeStandard	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p>	<p>Invalid shipping</p> <p>Program Exits</p>	<p>Invalid shipping</p> <p>Program Exits</p>

Author:	Month Day (e.g., 11 9): 11 30 Number of Water Bottles(\$10.00 each): 0 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): 2 Shipping (S-standard, T-wo Day): Standard		
testInvalidShippingType2	<i>Preconditions:</i> ClubStore program started <<Header>>  Author: Benjamin Uy Month Day (e.g., 11 9): 11 30 Number of Water Bottles(\$10.00 each): 0 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): 2 Shipping (S-standard, T-wo Day): 2	Invalid shipping  Program Exits	Invalid shipping  Program Exits
testOneBottleOneBagStandardShippingArrivalDateNov5	<i>Preconditions:</i> ClubStore program started <<Header>>  Author: Benjamin Uy Month Day (e.g., 11 9): 10 31 Number of Water Bottles(\$10.00 each): 1 Number of Coffee Mugs(\$12.00 each): 0 Number of Tote Bags(\$18.00 each): 1 Shipping (S-standard, T-wo Day): S	Subtotal: \$ 28.00 Shipping: \$ 0.00 Total: \$ 28.00 Arrival Date: Sat, 11/5/2022  Program Exits	Subtotal: \$ 28.00 Shipping: \$ 0.00 Total: \$ 28.00 Arrival Date: Sat, 11/5/2022  Program Exits

test2OfEachItem2DayShippingArrivalDate Dec1  Author: Benjamin Uy	<p><i>Preconditions:</i> ClubStore program started</p> <p>&lt;&lt;Header&gt;&gt;</p> <p>Month Day (e.g., 11 9): 11 29</p> <p>Number of Water Bottles(\$10.00 each): 2</p> <p>Number of Coffee Mugs(\$12.00 each): 2</p> <p>Number of Tote Bags(\$18.00 each): 2</p> <p>Shipping (S-tandard, T-wo Day): T</p>	<p>Subtotal: \$ 80.00</p> <p>Shipping: \$ 5.00</p> <p>Total: \$ 85.00</p> <p>Arrival Date: Thu, 12/1/2022</p> <p>Program Exits</p>	<p>Subtotal: \$ 80.00</p> <p>Shipping: \$ 5.00</p> <p>Total: \$ 85.00</p> <p>Arrival Date: Thu, 12/1/2022</p> <p>Program Exits</p>
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