Program Test Data Sheet

Program Name: Drink Vending Machine Simulator Developer Name: Julie Moore Date Tested: April 27, 2017

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Run** | **User Input**  Ex. Weight = 140 | **Desk Check Results**  Calculate by hand and record results | **Program Executed Results**  Run program and record how program executed, include modifications needed, if any |
| **Test 1 – Using Valid Data**  Use valid data | Cola click = 1x  Root Beer click = 1x  Lemon Lime = 1x  Grape Soda = 1x  Cream Soda = 1x | Count = 19, Total Sales = $1.00  Count = 19, Total Sales = $2.00  Count = 19, Total Sales = $3.00  Count = 19, Total Sales = $4.50  Count = 19, Total Sales = $6.00 | Program functions properly |
| **Test 2 – Incorrect data types**  Use a different data type than expected, ex. B for a number | n/a |  | Program functions properly |
| **Test 3 – Out of range data values**  Use values outside of the expected range. If range is 0-10, then use a -9 or 12 | n/a |  |  |
| **Test 4 – User defined test**  Create your own test data and record the results | Cola click = 20x  Root Beer click = 20x  Lemon Lime = 20x  Grape Soda = 20x  Cream Soda = 20x | Count = 0, Total Sales = $20.00  Count = 0, Total Sales = $40.00  Count = 0, Total Sales = $60.00  Count = 0, Total Sales = $.90.00  Count = 0, Total Sales = $120.00 | Program functions properly |
| **Test 5 – User defined test**  Create your own test data and record the results | Cola click = 21x  Root Beer click = 21x  Lemon Lime = 21x  Grape Soda = 21x  Cream Soda = 21x | “Sorry, Cola is sold out”  “Sorry, Root Beer is sold out”  “Sorry, Lemon Lime is sold out”  “Sorry, Grape Soda is sold out”  “Sorry, Cream Soda is sold out” | Program functions properly |