

Inventory Tracker

| Variable | Values |
|-------------------|--|
| inventory | ["apple", "banana", "cherry", "date", "elderberry"] |
| inventoryCount | [10, 15, 5, 20, 7] |
| i | 0 -> 1 ->2 -> 3-> 4 |
| Inventory[i] | "apple" -> "banana" -> "cherry" -> "date" ->"elderberry" |
| inventoryCount[i] | 10 -> 15 -> 5 -> 20 -> 7 |

Alphabetical Sorting

| Variable | Initial Values -> Final |
|----------|--|
| words | ["zebra", "apple", "mango", "cherry","banana"] |
| i | 0 |
| j | i + 1 |
| temp | Holds a word for swapping |

Unique Array Builder

| Variable | Value |
|---------------|------------------------------------|
| uniqueNumbers | [7, 8, 9, 16, 17, 4, 15, 11, 6, 2] |
| randomNumber | 5 |
| exists | true or false |
| | |
| | |

Triangle Checker

| | |
|-------------------------|------|
| sideA | 7 |
| sideB | 10 |
| sideC | 5 |
| (sideA + sideB > sideC) | true |
| (sideB + sideC > sideA) | true |
| (sideA + sideC > sideB) | true |