Johanny Mateo CISC110 Assignment 6B Memory Trace & Hand Check

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| main() | | | | | | |
| &quantityOnHand  100  100 - 90 = **10**  10 - 50 = **-40**  -40 + 100 = **60**  60 – 30 = **30**  30 – 120 = **-90**  -90 + 100 = **10**  10 – 50 = **-40**  -40 + 100 = **60**  60 – 30 = **30** | &orderNum  0  1  2  3  4  5  6 | &backOrdered  0  0  50 - 10 = **40**  0  120 – 30 = **90**  50 – 10 = **40**  0 | countBOArray[]  50  120  50 | count  3 | i  0  1  2  3 |  |
| placeorder() | | | | | | |
| items  90  50  30  120  50  30  0 | itemsArray[]  90  50  30  120  50  30 | inStockArray[]  true  false  true  false  false  true |  |  |  |  |
| totalprice() | | | | | | |
| total  0  0 + (90\*19.95) = **1795.5**  1795.5 + (50\*19.95) = **2793**  2793 + (30\*19.95) = **3391.5**  3391.5 + (120\*19.95) = **5785.5**  5785.5 + (50\*19.95) = **6783**  6783 + (30\*19.95) = **7381.5** | price  19.95 | i  0  1  2  3  4  5  6 | itemsArray[]  90  50  30  120  50  30 | &orderNum  6 |  |  |
| maxItems() | | | | | | |
| max  [0] = **90**  [3] = **120** | itemsArray[]  90  50  30  120  50  30 | i  1  2  3  4  5  6 | &orderNum  6 |  |  |  |
| int ordersBackOrdered() – return *count* | | | | | | |
| inStockArray[]  true  false  true  false  false  true | itemsArray[]  90  50  30  120  50  30 | countBOArray[]  50  120  50 | &orderNum  6 | *count*  0  1  2  *3* | j  0  1  2  3 | i  0  1  2  3  4  5  6 |