

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	countB0Array[] 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	countB0Array[] 50 120 50	&orderNum 6	count 0 1 2 3	j 0 1 2 3	i 0 1 2 3 4 5 6