

SL No	<input checked="" type="checkbox"/>	Checklist	Check Item	Comments/Feedback
1	<input type="checkbox"/>		Use of uninitialized variables	
2	<input type="checkbox"/>		Array index out of bounds	
3	<input type="checkbox"/>		Array indices that aren't integers	
4	<input type="checkbox"/>		Null pointers	
5	<input type="checkbox"/>		Memory leaks, allocation without deallocation	
6	<input type="checkbox"/>		Index off-by-one errors	
7	<input type="checkbox"/>		<= vs < errors	
8	<input checked="" type="checkbox"/>		Class inheritance is correct, all virtual functions have implementations	
9	<input type="checkbox"/>		Integer arithmetic vs. floating point usage	
10	<input type="checkbox"/>		Overflow/underflow in calculations	
11	<input type="checkbox"/>		Division by zero	
12	<input checked="" type="checkbox"/>		Appropriate typing (signed vs. unsigned)	
13	<input checked="" type="checkbox"/>		Values in meaningful ranges? (e.g. 0.0-1.0 instead of any floating point value)	
14	<input type="checkbox"/>		Equality comparison with floats	
15	<input checked="" type="checkbox"/>		Order of operations is clear	
16	<input type="checkbox"/>		Double-check complicated Boolean expressions	
17	<input checked="" type="checkbox"/>		Do all loops terminate?	
18	<input type="checkbox"/>		Is there any dead (unreachable) code?	
19	<input checked="" type="checkbox"/>		Are all assumptions stated and enforced?	
20	<input type="checkbox"/>		Order of arguments passed to functions	
21	<input type="checkbox"/>		Units on numerical arguments and agreement between interfaces	
22	<input checked="" type="checkbox"/>		Global variables, constant variables, etc. handled properly	
Additional Feedback/Comments				
Looks good overall! I would suggest changing the authentication system for security, though this may not be critical for a demo product. Using the browser's local storage is easy to modify and spoof. If you are using a server-side of any sort to handle authentication, I would recommend using either bcrypt or Argon2 for hashing and verification. It's fairly easy to setup with Python, and I assume Java/C# (.NET) have similar utilities. I see the coupons array is also listed in JS, which would be easy to modify using inspect tools. This would be another reason to use a client-server system with server-side authentication.				