

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.