With such a small program, there are only a few safeguards needed to prevent improper use of the program or failure.

1. **Entry Validation**

If text entry fields are left blank, a messaging corresponding to that field will be displayed by the “Submit Form” Button.  
  
Figure 1 will show the message when email is not in correct format of [**abc@abc.com**](mailto:abc@abc.com).

Graphical user interface, application

Description automatically generated

Figure 1

Correct entry will show no error messages to user. It is unnecessary.   
  
If nothing is added to cart when submitting form, it will also show the message seen in Figure 2.

Graphical user interface

Description automatically generated

Figure 2

1. **Proper Cart Total Calculation**

The best way to ensure this was working properly was to try many variations of cart combinations and to total them with a calculator externally to confirm the calculations were correct. (Figure 3)  
  
Table

Description automatically generated with low confidence Table

Description automatically generated with low confidence Table

Description automatically generated

Figure 3

Place Order Button will place order and display confirmation in **green text**. (Figure 4)

Logo, company name

Description automatically generated

Figure 4