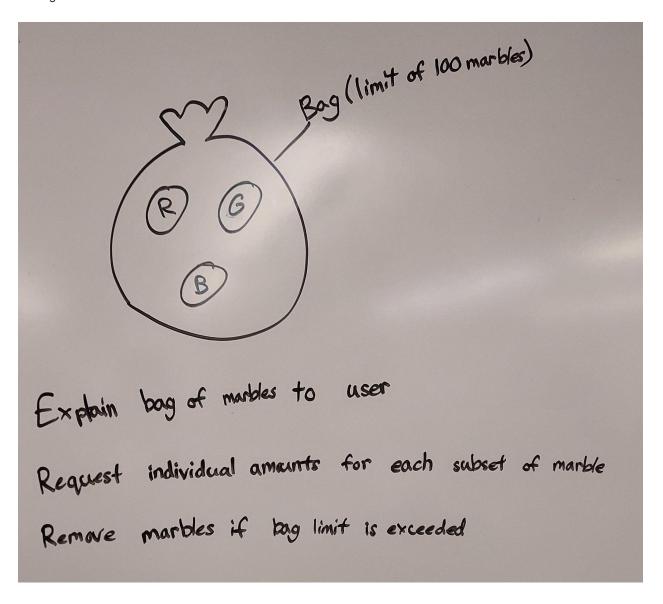
Design:

The marbles could be represented by colors. Such as red, green, and blue.

The user could input a desired amount of marbles for each type of marble.

Marbles could be removed from the bag when the user exceeds a certain limit.

To test the code we could input three random integers for the amount of each marble. Then we can check to see if the bag limit was exceeded.



Requirements:

Attempt to implement your bag of marbles in a program as simply as possible

```
You have a bag that can hold up to 100 red, green, and blue marbles. The marbles will fall out of the bag if you exceed the limit. How many red marbles would you like in your bag? 20 How many green marbles would you like in your bag? 5 How many blue marbles would you like in your bag? 35 In your bag there are 20 red marbles; 5 green marbles; and 35 blue marbles.
```

The user can input integers for the number of each subset of marble. The program saves those numbers and ensures that the bag limit of 100 is not exceeded.

test our implementation in a driver file with our tests

This tests inputs three random integers for each type of marble. Then it checks whether the bag limit was exceeded. If it was exceeded there is an error.