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Lottery Problem

This program is designed to take in the users input of lottery numbers and powerball and test them against randomly generated lottery numbers and powerball

Program will have two arrays one for the user’s input and one for the randomly generated numbers

Going to have five functions first one will generate the lottery numbers the second one will take the user’s input, the third one will compare the first five lottery numbers against each other in the array, the forth one will test the powerball from the user array and lottery array against each other, and the fifth one will generate the cash value that the user should receive.

Test cases will involve a test array for the computer’s input of {1, 2, 3, 4, 5, 1} the user test cases will be

1.{1, 6, 7, 8, 9, 10} cash value is 5

2.{1, 2, 6, 7, 8, 9} cash value is 15

3.{1, 2, 3, 6, 7, 8} cash value is 50

4.{1, 2, 3, 4, 6, 7} cash value is 100

5.{1, 2, 3, 4, 5, 6,} cash value is 500

6.{6, 7, 8, 9, 10, 11} cash value is 0

7.{6, 7, 8, 9, 10, 1} cash value is 10

8.{1, 6, 7, 8, 9, 1} cash value is 25

9.{1, 2, 6, 7, 8, 1} cash value is 75

10.{1, 2, 3, 6, 7, 1} cash value is 200

11.{1, 2, 3, 4, 6, 1} cash value is 1000

12.{1, 2, 3, 4, 5, 1} cash value is 50000