

Bus Ticket Lucky Numbers

A bus transport company want to make lottery for their clients, they have simple rules:

- each ticket have unique number made of 6 digits
- if the sum of first 3 digits is equal to the sum of second 3 digits your ticket is lucky
- example for lucky ticket number is 829955 ($8 + 2 + 9 = 9 + 5 + 5$)
- other tickets must be count as normal.

Here they need your help, your task is to make a program that:

- print all lucky ticket combinations in the Console
- counts how much lucky ticket combinations exist
- counts how much normal tickets exist
- calculate how much is the total of tickets

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9 9 5 8 9 6
9 9 5 9 5 9
9 9 5 9 6 8
9 9 5 9 7 7
9 9 5 9 8 6
9 9 5 9 9 5
9 9 6 6 9 9
9 9 6 7 8 9
9 9 6 7 9 8
9 9 6 8 7 9
9 9 6 8 8 8
9 9 6 8 9 7
9 9 6 9 6 9
9 9 6 9 7 8
9 9 6 9 8 7
9 9 6 9 9 6
9 9 7 7 9 9
9 9 7 8 8 9
9 9 7 8 9 8
9 9 7 9 7 9
9 9 7 9 8 8
9 9 7 9 9 7
9 9 8 8 9 9
9 9 8 9 8 9
9 9 8 9 9 8
9 9 9 9 9 9
Total lucky ticket numbers are 55252
Total not lucky ticket numbers are 944748
Total tickets existing are 1000000
Press any key to continue . . .
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