Given an Integer we need to find the sum of values of that table

Input : 10

Output : 550

sum = 0

$n \times 1 =$

$n \times 2 =$

|

|

$n \times 10 = $

$10 \times 1 = 10$
$10 \times 2 = 20$
$10 \times 3 = 30$
$10 \times 4 = 40$
$10 \times 5 = 50$
$10 \times 6 = 60$
$10 \times 7 = 70$
$10 \times 8 = 80$
$10 \times 9 = 90$
$10 \times 10 = 100$
                550

A Person has many shoes of different sizes and he wants to arrange them , Calculate the number of pairs of shoes.
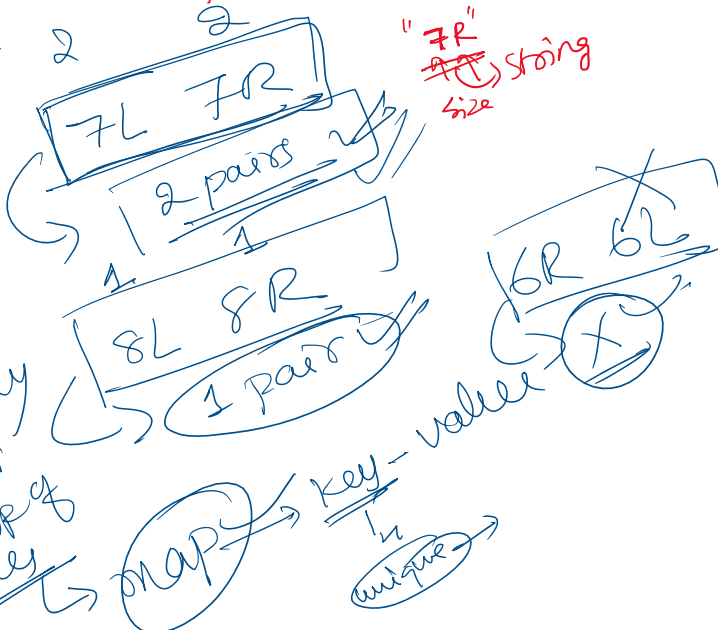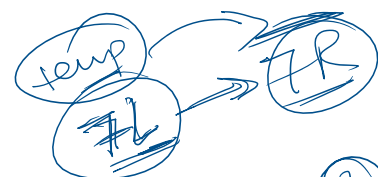
Input :
8 → n
7L 7R 7L 8L 6R 7R 8R 6R → 1 shoes of 7 size for left leg.

7L → size of shoes, which leg it actually fit

L → left
R → right

Output :
3 → pairs

key → value

7L → 2
7R → 2
8L → 1
6R → 2
8R → 1

set the frequency want for each type of shoes

"7R" → string size

7L   7R
  2 pairs
1   1
8L   8R
  1 pair

6R 6L → X

map → key - value (unique)

map<string, int> onp

for(int i=0; i<n; i++)
{ onp[arr[i]]++; }

temp → 7L → 7R

temp = 7L

arr[i] = L

$7R \rightarrow 7L$

{ mp[arr[i]] ...

{

for (auto it : mp)
{
    string temp = it.first;
    if (mp.find(temp) != mp.end())
    {
        ans += min(it.second = mp[temp])
    }
}

$temp = 7L$

temp[1] = 2

R

mp (
$7L - 2$
$7R - 2$
$8L - 1$
$6R - 2$
$8R - 1$
)

$4\cdot 1$