“Solve of problem 01”

```
word = input()
rcount = 0
lcount = 0
wordtrack = 0
start =0
count = 0
while wordtrack < len(word):
    if word[wordtrack] =='L':
        lcount += 1
    if word[wordtrack] == 'R':
        rcount += 1
    if lcount == rcount :
        count += 1
        for i in range(start,wordtrack+1):
            print(word[i],end='')
        print()
        start = rcount + lcount
        rcount = lcount = 0
    wordtrack=wordtrack+1
print(count)
```

“Solve of problem 02”

```python
N = int(1e7) + 5
frequency = [0] * N

n = int(input())
numbers = list(map(int, input().split()))
#print(numbers)
for x in numbers:
    frequency[x] += 1
cnt = 0

for i in range(1, N):
    if frequency[i] >= i:
        cnt += frequency[i] - i
    else:
        cnt += frequency[i]

print(cnt)
```

“Solve of problem 03 (A)”

List	Dictionary
This is an ordered collection of elements	This is an unordered collection of elements
This is accessed by their index	Dictionary is accessed by their key
Mutable	Dictionary is also mutable

It's possible to be duplicate value	It has key , and key must be unique
Example : list = [10, 20, 30, 40]	dictionary = {'a': 100, 'b': 200, 'c': 300}
List is closed by third bracket	Dictionary is closed by second bracket

“Solve of problem 03 (B)”

*args	**kwargs
This is an arbitrary Positional Arguments	This is an arbitrary Keyword Arguments
Used in tuple	Use in Dictionary
pass a variable number as arguments as a tuple	pass a variable number as arguments as a dictionary

“Solve of problem 04”

```
def solve(arr):
    count = 0
    all_even = True

    for x in arr:
        if x % 2 != 0:
            all_even = False
            break
```

```
    if all_even:
        for i in range(len(arr)):
            arr[i] = arr[i] // 2
        count += 1

    return count

num = int(input())
arr = list(map(int, input().split()))

result = solve(arr)
print(result)
```

“Solve of problem 05”

```
num = int(input())
for i in range(0,num):
    for j in range(0,i+1):
        print("#",end = ' ')
    print()
```