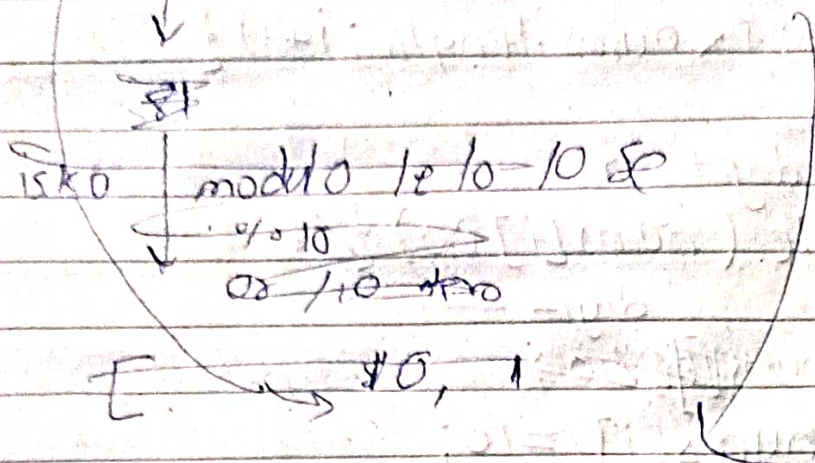


③ Add to array of integer

$$[1, 3, 2, 1] + 80^k$$

Jo hamara last element hai usko k add kr dega



$$[1, 3, 2, 1] + 80^k$$

↓
↓
↓
↓
1

$81 \div 10$
 $10 \div 10$
 $4 \div 10$
 $1 \div 10$

⑧

$81/10$
 $10/10$
 $4/10$
 $1/10$

$[1, 4, 0, 1]$

$$[9, 9, 9] \Rightarrow K=19$$

$$\begin{array}{l} \downarrow \quad \downarrow \quad \downarrow \\ 9+10 \quad 9+10 \quad 9+10 \\ 10/10=0 \quad 9+10=19 \quad 19+9=28 \end{array}$$

$$\begin{array}{l} 10/10 \quad 11/10=1 \quad 28/10=2 \\ 11/10=1 \quad 28/10=2 \end{array}$$

$$[8, 1, 0, 1]$$

jabhi modulo ka answer ayege uske new array me dal dena.

Approach :-

```
int n = nums.length;
int i = n-1;
```

```
List<Integer> solve = new ArrayList<>();
```

```
while(i >= 0 || k > 0) {
```

```
    if(i >= 0) {
```

```
        solve.add((num[i] + k) % 10);
```

```
        k = (num[i] + k) / 10;
```

```
    } else {
```

```
        solve.add(k % 10);
```

```
        k /= 10;
```

```
    }
```

```
    Collections.reverse(solve);
```

```
    return solve;
```

```
}
```