2.You are provided with a set of numbers(array of numbers ),you have to generate the sum of specific number based on its position in the array set provided to you

import java.util.\*;

class Indexsum {

public static void main(String[] args) {

Scanner o = new Scanner(System.in);

int n, temp, i, j,r=0;

n = o.nextInt();

int[] a = new int[n];

int[] b = new int[n];

int[] c=new int[n];

for (i = 0; i < n; i++) {

a[i] = o.nextInt();

}

for (j = 0; j < n; j++) {

temp = a[j];

while (temp > 0) {

r = temp % 10;

temp /= 10;

}

b[j] = r;

}

int sum=0;

for (i = 0; i < n; i++) {

c[i]=b[i]\*b[i];

sum+=c[i];

}

System.out.println(sum);

}

}

