You are given an Integer Array a and an Integer k. Find out the last k digits of the summation of all the elements of the array   
  
  
**Example :**

Summation of the elements of the array[1,15,23,76,100,37,45] is 297.

If k=1 output is 7, if k=2 output is 97 and ifk=3 output is 297

**Input (a)** → array.integer :

Array containing the integers

**Input (k)** → integer :

No of digits to display

**Output** → integer :

Output last k digits of the summation of the integers of the arra

<https://codefights.com/challenge/oAQC94DKKBe7cc3B7>

---------------ACEPTADO----------------

int sumLast(std::vector< int > a, int k) {

        int sum = 0;

    for (int i = 0; i < a.size(); i++)

    {

        sum += a[i];

    }

    std::vector<int> digitos;

    while (sum > 0)

    {

        digitos.insert(digitos.begin(), sum % 10);

        sum /= 10;

    }

    int nk = 0;

    for (int i = digitos.size() - k; i < digitos.size(); i++)

    {

        nk = nk \* 10 + digitos[i];

    }

    return nk;

}

[Omar\_M\_8](https://codefights.com/profile/Omar_M_8) 's solution

int sumLast(std::vector< int > a, int k) {

int i=1,m=1,t=a.size();

for(;i<t;i++)

a[i] += a[i-1];

i=0;

while(k) {

i += a[t-1]%10 \* m;

m \*= 10;

a[t-1] /= 10;

k--;

}

return i;

}

[mcweaksauce](https://codefights.com/profile/mcweaksauce) 's solution

int sumLast(std::vector< int > a, int k) {

int s = 0;

int r = 1;

for (int i = 0; i < a.size(); i++) {

if (i < k)

r \*= 10;

s += a[i];

}

return s % r;

}

[Harsh\_Kracker](https://codefights.com/profile/Harsh_Kracker) 's solution

int sumLast(int[] a, int k)

{

int sum = 0;

for (int i=0;i<a.length;i++)

{

sum += a[i];

}

return sum % (int)Math.pow (10,k);

}