You're given n numbers.

Return the sum of digits of all prime numbers among the given numbers.

**Example**

For n = 3 and a = [11, 21, 54] the output should be 2.  
For n = 4 and a = [22, 7, 121, 17] the output should be 15.

* **[input] integer n**
  + 1 ≤ n < 26.
* **[input] array.integer a**
  + 1 ≤ a[i] < 27.
* **[output] integer**

<https://codefights.com/challenge/Gc5ep2eKuMMmX9t4N>

int sumofprimenumbers(int n, std::vector<int> a) {

struct Helper {

bool esPrimo(int x) {

if(x < 2)return false;

if(x == 2) return true;

if(x % 2 ==0 )return false;

int sqr = (int)sqrt(x);

for(int i = 3; i <= sqr; i+=2){

if(x % i == 0)return false;

}

return true;

}

};

int sum = 0;

Helper h;

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

{

if(h.esPrimo(a[i])){

int copia = a[i];

while(copia > 0){

sum += copia % 10;

copia /=10;

}

}

}

return sum;

}