2.write a C program to Count number of trailing zeros in product of array

#include <stdio.h>

int countZeros(int a[], int n)

{

int count2 = 0, count5 = 0;

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

while (a[i] % 2 == 0) {

a[i] = a[i] / 2;

count2++;

}

while (a[i] % 5 == 0) {

a[i] = a[i] / 5;

count5++;

}

}

return (count2 < count5) ? count2 : count5;

}

int main()

{

int a[100];

int n;

printf("Enter n value\n");

scanf("%d",&n);

printf("Enter array elements\n");

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

scanf("%d",&a[i]);

printf("output= %d" ,countZeros(a, n));

return 0;

}

