#include<iostream>

int countZeros(int arr[],int size)

{

int left = 0;

int right = size - 1;

while(left <= right)

{

int middle = (left + right) / 2;

if (arr[middle] == 1)

{

left = middle + 1;

}

else{

right = middle -1;

}

}

return size - left;

}

int main()

{

int arr[] = {1,1,1,1,0,0};

int size = sizeof(arr) / sizeof(arr[0]);

int numZeros = countZeros(arr,size);

std::cout<<"Number of zeros:"<<numZeros <<std::endl;

return 0;

}