import java.io.\*;

class SearchInsert{

// Function to find insert position of K

static int find\_index(int[] arr, int n, int K)

{

// Traverse the array

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

// If K is found

if (arr[i] == K)

return i;

// If current array element

// exceeds K

else if (arr[i] > K)

return i;

// If all elements are smaller

// than K

return n;

}

public static void main(String[] args)

{

int[] arr = { 1, 3, 5, 6 };

int n = arr.length;

int K = 2;

System.out.println(find\_index(arr, n, K));

}

}