#include <iostream>

using namespace std;

int search(int arr[], int x, int y)

{

int i;

for (i = 0; i < x; i++)

if (arr[i] == y)

return i;

return -1;

}

int main(void)

{

int arr[] = {3, 6, 8, 15,20,36};

int y = 10;

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

int result = search(arr, x, y);

(result == -1)? cout <<"Element is not found in array"

: cout <<"Element is found at index " <<result;

return 0;

}