

#include <stdio.h> int linear search (intarr[], int size, intelement) & for (int i=0; i < size; i++) -Green House-Date & if (arr (i) = element) & Linear Page No. . return 1; Search return -1; int main () s int arr[]= £1,3,5,56, 7, 3, 23,5,4,56634,56,343; > int size = size of (arr) / size of (int); int clement = 4: int Search Index = linear Search (arr, size, element); printf("The element 1.d was found at index 1.d m", element, search Index); return o' # include <stdio.h> int binary Search (int arr [], int size, intelement) & int low, mid, high; low=0; high = Size-1; 11 start searching while (low <= high) & mid= (low+high)/2; if (arr[mid] = = element) & return mid; if (arr [mid] zelement) f int arr[]=\$1,3,5,56,64,73,1231 1000 = mid + 1; int size = size of (arr)/size of (int), high=mid-t; int element= 56; int search Index = binary search 11 Searching ends (arr, size, element); return -1; printf("The element 1.d is found at index 1.d \n'; element, search Index);