#include<stdio.h>void findSmallestElement(int arr[], int size) { int smallestElement=arr[0]; for(int i=0; i<size; i++) { if(arr[i]<arr[smallestElement]) { smallestElement=i; } } printf("Smallest element is found at %d index", smallestElement);}int main() { int arr[1000], size; printf("Enter the size of array :\n"); scanf("%d", &size); printf("Enter %d elements :\n", size); for(int i=0; i<size; i++) { scanf("%d", &arr[i]); } printf("The array is :\n"); for(int i=0; i<size; i++) { printf("%d ", arr[i]); } printf("\n"); findSmallestElement(arr, size); printf("\n"); return 0;}