linear search

#include<stdio.h>

void main()

{int a[10],i,x,m;

printf("Enter number of elements: ");

scanf("%d",&n);

printf("Enter element of array: ");

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

scanf("%d",&a[i]);

printf("Enter element to search: ");

scanf("%d",&n);

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

{

if(a[i]==x)

break;

}

if(i<n)

printf("Element found");

else

printf("Element not found");

}