Question - 1 :

#include<stdio.h>

int main()

{

int a[20];

int i,n,target;

printf("Enter the number of element:");

scanf("%d",&n);

printf("Enter the integers of array:");

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

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

printf("Enter the element to target:");

scanf("%d",&target);

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

{

if(target==a[i])

{

printf("The target is present in the location=%d", i);

break;

}

}

if(target!=a[i])

printf("The target is not present in the location");

}

Question - 2 :

#include <stdio.h>

int main()

{

int i, low, high, mid, n, key, array[100];

printf("Enter number of elements:");

scanf("%d",&n);

printf("Enter %d integers:");

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

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

printf("Enter value to find:");

scanf("%d", &key);

low = 0;

high = n - 1;

mid = (low+high)/2;

while (low <= high) {

if(array[mid] < key)

low = mid + 1;

else if (array[mid] == key) {

printf("%d found at location %d.n", key, mid+1);

break;

}

else

high = mid - 1;

mid = (low + high)/2;

}

if(low > high)

printf("Not found! %d isn't present in the list.n", key);

return 0;

}