```
2 #include<stdio.h>
   int main()
   { int i,n,x,a[15],flag=0;
      printf("\nEnter the total no. of elements
          in array:");
      scanf("%d",&n);
6
      printf("\nEnter array elements:");
8
      for( i=0;i<n;i++)
9
     scanf("%d",&a[i]);
     printf("\nEnter element to be search:");
10
     scanf("%d",&x);
11
   for(i=0;i<n;i++)
12
13
     { if(a[i]==x)
14
        { printf("\nElement present at %d",i+1
            );
15
         flag++;
16
17
      if(flag==0)
18
19
      printf("\nElement not present in array");
20
     return 0;
21
22 }
```

Enter the total no. of elements in array:7 Enter array elements:12 23 34 45 56 68 89 Enter element to be search:34 Element present at 3

```
#include<stdio.h>
    void search(int a[],int x,int n);
   void main()
    { int i,n,x,a[15];
      printf("\nEnter the total no. of elements
 6
          in array:");
      scanf("%d",&n);
      printf("\nEnter array elements:");
 8
      for( i=0; i<n; i++)
 9
      scanf("%d",&a[i]);
10
      printf("\nEnter element to be search:");
11
12
      scanf("%d",&x);
      search(a,x,n);
13
14
15
      void search(int a[],int x,int n)
16
17 - { int flag=0,i;
      for(i=0;i<n;i++)
18
      \{ if(a[i]==x) \}
19
        { printf("\nElement present at %d",i+1
20
            );
         flag++;
21
22
23
      if(flag==0)
24
25
      printf("\nElement not present in array");
26
27
```

Enter the total no. of elements in array:5
Enter array elements:12 23 34 45 56
Enter element to be search:45
Element present at 4

```
2 #include<stdio.h>
   void search(int a[],int x,int n);
  void main()
   { int i,n,x,a[15];
      printf("\nEnter the total no. of elements
6
          in array:");
      scanf("%d",&n);
     printf("\nEnter array elements:");
8
     for( i=0;i<n;i++)
9
      scanf("%d",&a[i]);
10
11
      printf("\nEnter element to be search:");
12
      scanf("%d",&x);
13
      search(a,x,n);
14
15
16
     void search(int a[],int x,int n)
17 - { int flag=0,i;
     for(i=0;i<n;i++)
18
     \{ if(a[i]==x) \}
19
        { printf("\nElement present at %d",i+1
20
            );
21
        flag++;
22
23
24
      if(flag==0)
      printf("\nElement not present in array");
25
26
27
```

Enter the total no. of elements in array:5 Enter array elements:12 23 34 45 56 Enter element to be search:23 Element present at 2