

```

1  #include<stdio.h>
2  int main()
3  { int n,i,key,found = 0;
4    scanf("%d",&n);
5    int arr[n];
6    for(i=0;i<n;i++){
7        scanf("%d",&arr[i]);
8    }
9    scanf("%d",&key);
10   for(i=0;i<n;i++){
11       if(arr[i] == key){
12           found = 1;
13           break;
14       }
15   }
16   if(found){
17       printf("Element found
18   } else {
19       printf("Element not f
20   }
21   }

```

	Input	Expected
✓	5 30 40 50 20 10 20	Element fou
✓	5 30 40 50 20 10 55	Element not

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```

1  #include<stdio.h>
2  int main()
3  { int n;
4    scanf("%d",&n);
5    int arr[n],i;
6    for(i=0;i<n;i++){
7        scanf("%d",&arr[i]);
8    }
9    int s,f=0,l=n-1,m,a=0;
10   scanf("%d",&s);
11   m=(f+l)/2;
12   while(f<=l){
13       m=(f+l)/2;
14       if(arr[m]==s){
15           printf("Element found\n");
16           a=1;
17       } break;
18       if(arr[m]<s)
19           f=m+1;
20       else l=m-1;
21   }
22   if(a==0){
23       printf("Element not found\n");
24   }
25   }

```

	Input	Expected
✓	5 10 20 30 40 50 30	Element found
✓	5 10 20 30 40 50 55	Element not found

Passed all tests! ✓

```

1  #include <stdio.h>
2
3  int main() {
4      int a;
5      scanf("%d", &a);
6      int b[a];
7
8      for (int i = 0; i < a
9          scanf("%d", &b[i]
10     }
11
12     for (int i = 0; i < a
13         for (int j = 0; j
14             if (b[j] > b[
15                 int t = b
16                 b[j] = b[
17                 b[j + 1]
18             }
19         }
20     }
21
22     for (int i = 0; i < a
23         printf("%d ", b[i
24     }
25 }

```

	Input	Expected
✓	5 30 40 50 20 10	10 20 30 40

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1  #include<stdio.h>
2  int main()
3  {int n;
4   scanf("%d",&n);
5   int arr[n],i,j;
6   for(i=0;i<n;i++)
7   {scanf("%d",&arr[i]);
8   }
9   for(i=0;i<n;i++){
10      int a;
11      for(j=i;j<n;j++){
12          if(arr[i]>arr[j]){
13              a=arr[i];
14              arr[i]=arr[j];
15              arr[j]=a;
16          }
17      }
18  }
19  for(i=0;i<n;i++){
20      printf("%d ",arr[i]);
21  }
22  }
23  }
```

	Input	Expected
✓	5 30 40 50 20 10	10 20 30 40

Passed all tests! ✓

Answer. (p.c.)

```
1 #include <stdio.h>
2
3 void bs(int a[], int s) {
4     int is = 1;
5     while (is) {
6         is = 0;
7         for (int i = 0; i < s; i++)
8             if (a[i] > a[i+1]) {
9                 int t = a[i];
10                a[i] = a[i+1];
11                a[i+1] = t;
12                is = 1;
13            }
14     }
15 }
16
17
18 int main() {
19     int a;
20     scanf("%d", &a);
21
22     int b[a];
23     for (int i = 0; i < a; i++)
24         scanf("%d", &b[i]);
25
26     bs(b, a);
27
28     for (int i = 0; i < a; i++)
29         printf("%d ", b[i]);
30
31 }
32 }
```

	Input	Expected
✓	5 30 40 50 20 10	10 20 30 40

Passed all tests! ✓

Finish review