```c
1  #include<stdio.h>
2  int main(){
3      int n,key;
4      printf("Enter number of elements: ");
5      scanf("%d",&n);
6      printf("\nEnter the number you want to insert: ");
7      scanf("%d",&key);
8      int arr[n];
9      for(int i=0;i<n;i++)
10        scanf("%d",&arr[i]);
11        printf("OUTPUT: ");
12      for(int i=0;i<n;i++){
13          printf("%d ",arr[i]);
14          if(arr[i]>=14 && arr[i]<18){
15            printf("%d ",key);
16
17          }
18
19      }
20      return 0;
21  }
```

```
Enter number of elements: 10

Enter the number you want to insert: 22
2 6 10 14 18 3 7 11 15 19
OUTPUT: 2 6 10 14 22 18 3 7 11 15 22 19

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
main.c
 1  #include<stdio.h>
 2  int main(){
 3      int n,key;
 4      printf("Enter number of elements: ");
 5      scanf("%d",&n);
 6      printf("Enter the number you want to remove: ");
 7      scanf("%d",&key);
 8      int arr[n];
 9      for(int i=0;i<n;i++)
10          scanf("%d",&arr[i]);
11          printf("OUTPUT: ");
12      for(int i=0;i<n;i++){
13          if(arr[i]==key){
14              continue;
15          }
16          printf("%d ",arr[i]);
17      }
18      return 0;
19  }
```

```
                                                    input
Enter number of elements: 10
Enter the number you want to remove: 3
2 6 10 14 18 3 7 11 15 19
OUTPUT: 2 6 10 14 18 7 11 15 19

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
#include<stdio.h>
int main(){
    int n,key;
    printf("Enter number of elements: ");
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
        scanf("%d",&arr[i]);

    int count=0;
    for(int i=0;i<n-1;i++){
        for(int j=i;j<n;j++){
            if(arr[i]==arr[j]){
                count++;
            }
        }

    }
    if(count>0)
        printf("Not Unique");
    else{
        printf("Unique");
    }
    return 0;
}
```

```
input
Enter number of elements: 8
2 6 10 14 18 10 3 7
Not Unique

...Program finished with exit code 0
Press ENTER to exit console.
```

```c
main.c

 1   #include<stdio.h>
 2   int main(){
 3       int n,key;
 4       printf("Enter number of elements: ");
 5       scanf("%d",&n);
 6       int arr[n];
 7       for(int i=0;i<n;i++)
 8           scanf("%d",&arr[i]);
 9
10       int counter=1;
11       while(counter<n){
12           for(int i=0;i<n-counter;i++){
13               if(arr[i]>arr[i+1]){
14                   int temp=arr[i];
15                   arr[i]=arr[i+1];
16                   arr[i+1]=temp;
17               }
18           }
19           counter++;
20       }
21       for(int i=0;i<n-1;i++){
22           int calc=0;
23           for(int j=i+1;j<n;j++){
24               if(arr[i]==arr[j]){
25                   calc++;
26               }
27           }
```

input

```
Enter number of elements: 15
2 6 10 14 18 10 3 7 11 15 19 3 7 10 14
2 : 1
3 : 2
6 : 1
7 : 2
10 : 3
11 : 1
14 : 2
15 : 1
```