



```
1  #include <stdio.h>
2
3  int main() {
4
5      int i, j, s, a, n ;
6
7      printf( "Input number of element to be\n" );
8      printf( "store in array : " );
9      scanf ( "%d", &n );
10     printf("-----\n");
11
12     int num[n] ;
13     for(i = 0 ; i < n ; i++ ) {
14         printf( "Element[%d] : ", i + 1 );
15         scanf( "%d", &num[i] );
16     } //End for
17
18     for ( i = 0 ; i < n ; i++ ) {
19
20         for ( s = i + 1 ; s < n ; s++ ) {
21             if(num[i] > num[s]) {
22                 a = num[i];
23                 num[i] = num[s];
24                 num[s] = a;
25             } //End if
26         } //End for
27     } //End For
28     printf( "-----\n" );
29
30     for( i = 0 ; i < n ; i++ ) {
31
32         int k = 1 ;
33
34         for( j = i + 1 ; j < n ; j++ ) {
35             if (num[i] == num[j]) {
36                 k++ ;
37             } else {
38                 break ;
39             } //End if
40         } //End for
41         if ( k >= 1 ) {
42             printf ( "%d -> %d \n", num[i], k );
43             i +=( k - 1 );
44         } //End if
45     } // End for
46     printf( "-----" );
47     printf( "\nWutthiphong Khiaokham 65543206079-7" );
48     return 0 ;
49 }
```



C:\Users\armwo\Desktop\con



```
Input number of element to be
store in array : 4
```

```
-----
```

```
Element[1] : 3
```

```
Element[2] : 3
```

```
Element[3] : 2
```

```
Element[4] : 5
```

```
-----
```

```
2 -> 1
```

```
3 -> 2
```

```
5 -> 1
```

```
-----
```

```
Wutthiphong Khiaokham 65543206079-7
```

```
-----
```

```
Process exited after 21.31 seconds with return value 0
```

```
Press any key to continue . . .
```

C:\Users\armwo\Desktop\con X + v

Input number of element to be
store in array : 9

Element[1] : 6
Element[2] : 6
Element[3] : 5
Element[4] : 9
Element[5] : 1
Element[6] : 9
Element[7] : 7
Element[8] : 6
Element[9] : 2

1 -> 1
2 -> 1
5 -> 1
6 -> 3
7 -> 1
9 -> 2

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Process exited after 15.26 seconds with return value 0
Press any key to continue . . .