

```
1 #include <stdio.h>
2 int main() {
3     int arr[] = {98, 23, 45, 14, 6, 67, 33, 42};
4     int n = sizeof(arr) / sizeof(arr[0]);
5     int i, j, key;
6     for(i = 1; i < n; i++) {
7         key = arr[i];
8         j = i - 1;
9         while(j >= 0 && arr[j] > key) {
10             arr[j + 1] = arr[j];
11             j--;
12         }
13         arr[j + 1] = key;
14         if(i == 6) {
15             for(int k = 0; k < n; k++) {
16                 printf("%d", arr[k]);
17                 if(k != n - 1) printf(",");
18             }
19             printf("\n");
20             break;
21         }
22     }
23     return 0;
24 }
```

6, 14, 23, 33, 45, 67, 98, 42