

main.c

Output

```
1  #include <stdio.h>
2  int main() {
3      int n, i, j, k;
4      printf("Enter the number of elements in the array: ");
5      scanf("%d", &n);
6      int arr[n];
7      printf("Enter %d elements:\n", n);
8      for (i = 0; i < n; i++) {
9          scanf("%d", &arr[i]);
10     }
11     for (i = 0; i < n; i++) {
12         for (j = i + 1; j < n; ) {
13             if (arr[i] == arr[j]) {
14                 for (k = j; k < n - 1; k++) {
15                     arr[k] = arr[k + 1];
16                 }
17                 n--;
18             } else {
19                 j++;
20             }
21         }
22     }
23
24     printf("Array after removing duplicates:\n");
25     for (i = 0; i < n; i++) {
26         printf("%d ", arr[i]);
27     }
28     printf("\n");
29
30     return 0;
31 }
```

Run