Programiz
C Online Compiler

Programiz PRO

| main.c | Output |

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```c
3       int arr[6], i, j, k, n = 6;  // n
            = size of array
4       printf("Enter 6 numbers: ");
5       for(i=0;i<n;i++) scanf("%d"
            ,&arr[i]);

6

7 ▾    for(i=0;i<n;i++){
8 ▾        for(j=i+1;j<n;j++){
9 ▾            if(arr[i]==arr[j]){
10                 // Shift elements to
                        the left
11                 for(k=j;k<n-1;k++)
                        arr[k]=arr[k+1];
12                 n--;  // reduce array
                        size
13                 j--;  // check the new
                        element at position
                        j
14             }
15         }
16     }

17

18     printf("Array after removing
            duplicates: ");
19     for(i=0;i<n;i++) printf("%d "
            ,arr[i]);
20     return 0;
21 }
```

Run

main.c   Output

```
Enter 6 numbers: 1 2 2 4 5 5
Array after removing duplicates: 1 2 4 5


=== Code Execution Successful ===
```