

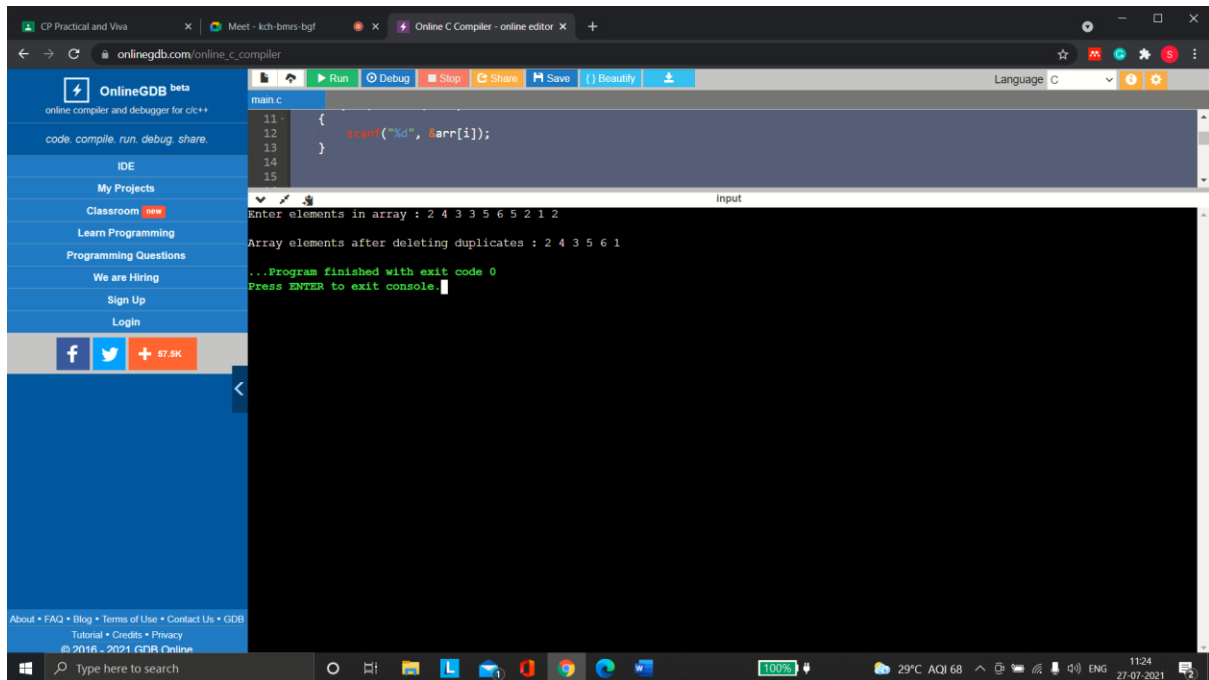
Q. Write a program to delete duplicate elements in a list of 10 elements and display it on the screen

INPUT CODE:

```
#include <stdio.h>

int main()
{
    int size=10;
    int arr[10];
    int i,j,k;
    printf("Enter elements in array : ");
    for(i=0; i<size; i++)
    {
        scanf("%d", &arr[i]);
    }
    for(i=0; i<size; i++)
    {
        for(j=i+1; j<size; j++)
        {
            if(arr[i] == arr[j])
            {
                for(k=j; k < size - 1; k++)
                {
                    arr[k] = arr[k + 1];
                }
                size--;
                j--;
            }
        }
    }
    printf("\nArray elements after deleting duplicates : ");
    for(i=0; i<size; i++)
    {
        printf("%d ", arr[i]);
    }
    return 0;
}
```

OUTPUT:



The screenshot shows the OnlineGDB online C compiler interface. The browser tabs include 'CP Practical and Viva', 'Meet - kch-bms-bgf', and 'Online C Compiler - online editor'. The URL is 'onlinegdb.com/online_c_compiler'. The left sidebar contains navigation links: 'OnlineGDB beta', 'online compiler and debugger for c/c++', 'code compile run debug share', 'IDE', 'My Projects', 'Classroom new', 'Learn Programming', 'Programming Questions', 'We are Hiring', 'Sign Up', and 'Login'. Below these are social media icons for Facebook, Twitter, and a '+57.5K' button. The main editor area shows a C program in 'main.c' with the following code:

```
11 {  
12     scanf("%d", &arr[i]);  
13 }  
14  
15
```

The 'Run' button is highlighted. The output console shows the following text:

```
Enter elements in array : 2 4 3 3 5 6 5 2 1 2  
Array elements after deleting duplicates : 2 4 3 5 6 1  
...Program finished with exit code 0  
Press ENTER to exit console
```

The Windows taskbar at the bottom shows the system clock as 11:24 on 27-07-2021, with a temperature of 29°C and AQI of 68.