

```

#include <stdio.h>
int main()
{
    //Initialize array
    int arr[] = {1, 2, 3, 4, 2, 7, 8, 8, 3};

    //Calculate length of array arr
    int length = sizeof(arr)/sizeof(arr[0]);

    printf("Duplicate elements in given array: \n");
    //Searches for duplicate element
    for(int i = 0; i < length; i++) {
        for(int j = i + 1; j < length; j++) {
            if(arr[i] == arr[j])
                printf("%d\n", arr[j]);
        }
    }
    return 0;
}

```

The screenshot shows a Windows PowerShell terminal window. At the top, there's a menu bar with 'View', 'Go', 'Run', 'Terminal', and 'Help'. Below the menu bar, there's a tab bar with several tabs: 'Get Started', 'studentdatausingstruct.c', 'stackusingarray.c', 'stacknew.c', and 'duplicateelemntinarray.c'. The active tab is 'duplicateelemntinarray.c', and the command prompt shows 'main()'. The terminal output displays the execution of the C program, which prints the duplicate elements in the array: 2, 3, and 8. The command prompt shows the path 'C:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS' and the command 'cd "c:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS"'. The output of the program is 'Duplicate elements in given array: 2 3 8'.

```

View Go Run Terminal Help duplicateelemntinarray.c
C duplicateelemntinarray.c > main()
1 #include <stdio.h>
Duplicate elements in given array:
2
3
8
PS C:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS> cd "c:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS"

```