

Take input for an array of size N and the element to be searched. Use Looping methods to search for the element and print its index number.

```
#include <stdio.h>

int main()
{
    int i,n,a[20],ele;

    printf("Enter the array size:");

    scanf("%d",&n);

    printf("Enter the Array ");

    for(i=0;i<n;i++)

    scanf("%d",&a[i]);

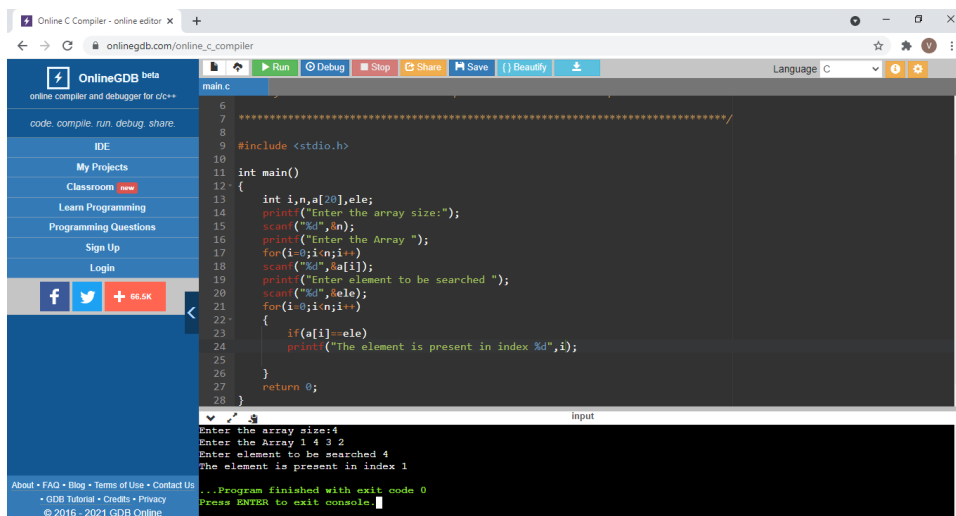
    printf("Enter element to be searched ");

    scanf("%d",&ele);

    for(i=0;i<n;i++)
    {
        if(a[i]==ele)

        printf("The element is present in index %d",i);
    }

    return 0;
}
```



The screenshot displays the OnlineGDB web interface. The left sidebar contains navigation links such as 'IDE', 'My Projects', 'Classroom', 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. The main editor area shows the C code from the previous block, with line numbers 6 through 28. Below the editor, the 'Input' section shows the user's input: '4' for the array size, '1 4 3 2' for the array elements, and '4' for the element to be searched. The 'Output' section shows the program's execution: 'Enter the array size:4', 'Enter the Array 1 4 3 2', 'Enter element to be searched 4', and 'The element is present in index 1'. At the bottom, a message states '...Program finished with exit code 0' and 'Press ENTER to exit console.'