



online compiler and debugger for  
d/c++

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### Programming Questions

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Language: C

```
*****
Online C Compiler.
Code, Compile, Run and Debug C program online.
Write your code in this editor and press "Run" button to compile and execute it.
*****/
#include <stdio.h>
#include <conio.h>

int main()
{
    int a[10000], i, n, key;

    printf("Enter size of the array : ");
    scanf("%d", &n);
    printf("Enter elements in array : ");
    for(i=0; i<n; i++)
    {
        scanf("%d", &a[i]);
    }
    printf("Enter the key : ");
    scanf("%d", &key);

    for(i=0; i<n; i++)
    {
        if(a[i]==key)
        {
            printf("element found ");
            return 0;
        }
    }

    printf("element not found");
}
```

input

```
Enter size of the array : 5
Enter elements in array : 1
2
3
4
5
Enter the key : 4
element found

...Program finished with exit code 0
Press ENTER to exit console.
```



# Online C Compile...

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main.c

```
1 #include<stdio.h>
2 #include<conio.h>
3 void main()
4 {
5     int a[20], i, j, k, n;
6
7     printf("\nEnter array size: ");
8     scanf("%d", &n);
9
10    printf("\nEnter %d array element: ", n);
11    for(i = 0; i < n; i++)
12    {
13        scanf("%d", &a[i]);
14    }
15
16    printf("\nOriginal array is: ");
17    for(i = 0; i < n; i++)
18    {
19        printf(" %d", a[i]);
20    }
21
22    printf("\nNew array is: ");
23    for(i = 0; i < n; i++)
24    {
25        for(j = i+1; j < n; )
26        {
27            if(a[j] == a[i])
28            {
29                for(k = j; k < n; k++)
30                {
31                    a[k] = a[k+1];
32                }
33                n--;
34            }
35            else
36            {
37                j++;
38            }
39        }
40    }
41
42    for(i = 0; i < n; i++)
43    {
44        printf(" %d", a[i]);
45    }
46 }
47 }
```

input

```
Enter array size: 10
Enter 10 array element: 1
2
44
57
67
57
2
1
57
2

Original array is:  1 2 44 57 67 57 2 1 57 2
New array is: 1 2 44 57 67

...Program finished with exit code 5
Press ENTER to exit console.
```



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main.c

```
1  /*****  
2  
3  
4      Online C Compiler.  
5      Code, Compile, Run and Debug C program online.  
6      Write your code in this editor and press "Run" button to compile.  
7  *****/  
8  
9  #include<stdio.h>  
10 #include<stdlib.h>  
11 int main(){  
12     int a[10],n,i;    to  
13     printf("Enter the number to convert: ");  
14     scanf("%d",&n);  
15     for(i=0;n>0;i++)  
16     {  
17         a[i]=n%2;  
18         n=n/2;  
19     }  
20     printf("\nBinary of Given Number is=");  
21     for(i=i-1;i>=0;i--)  
22     {  
23         printf("%d",a[i]);  
24     }  
25     return 0;  
26 }
```

input

```
Enter the number to convert: 6  
  
Binary of Given Number is=110  
  
...Program finished with exit co  
de 0  
Press ENTER to exit console.
```



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main.c

```
1
2 #include <stdio.h>
3 #include <string.h>
4
5 int main()
6 {
7     char s[1000];
8     int i,n,c=0;
9
10    printf("Enter the string : ");
11    gets(s);
12    n=strlen(s);
13
14    for(i=0;i<n/2;i++)
15    {
16        if(s[i]==s[n-i-1])
17            c++;
18
19    }
20    if(c==i)
21        printf("string is palindrome");
22    else
23        printf("string is not palindrome");
24
25
26
27    return 0;
28 }
```

input

```
main.c:11:5: warning: 'gets' is deprecated [-Wdeprecated-declarations]
/usr/include/stdio.h:638:14: note: declared here
main.c:(.text+0x3e): warning: the 'gets' function is dangerous and should not be used.
Enter the string : home
string is not palindrome

...Program finished with exit code 0
Press ENTER to exit console.
```





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main.c

```
1  #include <stdio.h>
2  int main() {
3      char s1[100], s2[100], i;
4      printf("Enter string s1: ");
5      fgets(s1, sizeof(s1), stdin);
6
7      for (i = 0; s1[i] != '\0'; ++i) {
8          s2[i] = s1[i];
9      }
10
11     s2[i] = '\0';
12     printf("String s2: %s", s2);
13     return 0;
14 }
```



input

Enter string s1: hello

String s2: hello

...Program finished with exit co  
de 0

Press ENTER to exit console.