

```
1 //Question 1.
2 #include<stdio.h>
3 int main()
4 {
5     int arr[20],i,max,min,n;
6     printf("Enter the number of elements stored in the array : ");
7     scanf("%d",&n);
8     printf("Enter the elements of the array : ");
9     for(i=0;i<n;i++)
10    {
11        scanf("%d",&arr[i]);
12    }
13    max=arr[0];
14    min=arr[0];
15    for(i=1;i<n;i++)
16    {
17        if(arr[i]>max)
18        {
19            max=arr[i];
20        }
21        if(arr[i]<min)
22        {
23            min=arr[i];
24        }
25    }
26    printf("\nThe maximum element is : %d",max);
27    printf("\nThe minimum element is : %d",min);
28    return 0;
29 }
```

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\08.07.2021\RAD.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.47s
```

☐ Shorten compiler paths



```
1 //Question 2.
2 #include<stdio.h>
3 int main()
4 {
5     int arr[50],n,a,b,i,min,max;
6     printf("Enter the number of elements stored in the array : ");
7     scanf("%d",&n);
8     for(i=0;i<n;i++)
9     {
10         printf("Enter %d element in the array : ",i);
11         scanf("%d",&arr[i]);
12     }
13     printf("Enter the position to enter the element : ");
14     scanf("%d", &a);
15     printf("Enter the value of the element : ");
16     scanf("%d",&b);
17     if(a>n)
18     printf("\nThis position does not occur in the array.");
19     else
20     {
21         for(i=0;i<n;i++)
22         {
23             if(i==a)
24                 arr[i] = b;
25         }
26         printf("\nThe modified array is: \n");
27         for(i=0;i<n;i++)
28         {
29             printf("%d ",arr[i]);
30         }
31     }
32 }
```

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\08.07.2021\Max\_Min .exe  
- Output Size: 128.6015625 KiB  
- Compilation Time: 0.50s

☐ Shorten compiler paths

D:\C\08.07.2021\Insert.c - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

Project Classes Debug

D:\C\08.07.2021\Insert.exe

```
Enter the number of elements stored in the array : 5
Enter 0 element in the array : 1
Enter 1 element in the array : 2
Enter 2 element in the array : 3
Enter 3 element in the array : 4
Enter 4 element in the array : 8
Enter the position to enter the element : 4
Enter the value of the element : 5

The modified array is:
1 2 3 4 5
-----
Process exited after 27.06 seconds with return value 5
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\08.07.2021\Insert.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.59s
```

☐ Shorten compiler paths

Line: 32 Col: 3 Sel: 0 Lines: 32 Length: 733 Insert Done parsing in 0.016 seconds



Type here to search



30°C Light rain 16:37 08-07-2021 ENG

D:\C\08.07.2021\Delete.c - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Max\_Min.c Insert.c Delete.c RAD.c

```
1 //Question 3.
2 #include <stdio.h>
3 int main()
4 {
5     int arr[20], index, i, n;
6
7     printf("Enter the number of elements in array : ");
8     scanf("%d", &n);
9     printf("Enter %d elements : \n", n);
10    for (i=0; i<n; i++)
11        scanf("%d", &arr[i]);
12    printf("Enter the location to delete element : \n");
13    scanf("%d", &index);
14    if (index>=n+1)
15        printf("Deletion not possible.\n");
16    else
17    {
18        for (i=index-1; i<n-1; i++)
19            arr[i] = arr[i+1];
20        printf("Resultant array : \n");
21        for (i=0; i<n-1; i++)
22            printf("%d\n", arr[i]);
23    }
24    return 0;
25 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\08.07.2021\Insert.exe  
- Output Size: 128.7705078125 KiB  
- Compilation Time: 0.59s

☐ Shorten compiler paths

Line: 25 Col: 3 Sel: 0 Lines: 25 Length: 586 Insert Done parsing in 0.016 seconds



Type here to search



30°C Light rain



16:37  
08-07-2021



D:\C\08.07.2021\Delete.c - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

```
Project Classes Debug Ma D:\C\08.07.2021\Delete.exe
1 Enter the number of elements in array : 5
2 Enter 5 elements :
3 1
4 2
5 5
6 3
7 4
8 Enter the location to delete element :
9 3
10 Resultant array :
11 1
12 2
13 2
14 3
15 4
16
17 -----
18 Process exited after 21.46 seconds with return value 0
19 Press any key to continue . . .
20
21
22
23
24
25
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\08.07.2021\Delete.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.25s
```

☐ Shorten compiler paths

Line: 25 Col: 3 Sel: 0 Lines: 25 Length: 586 Insert Done parsing in 0.016 seconds



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D:\C\08.07.2021\RAD.c - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Max\_Min.c Insert.c Delete.c RAD.c

```
1 //Question 4.
2 #include <stdio.h>
3 int main()
4 {
5     int n, i, j, a[100], b[100];
6     printf("Enter the number of elements in array : \n");
7     scanf("%d", &n);
8     printf("Enter array elements : \n");
9     for (i=0; i<n; i++)
10         scanf("%d", &a[i]);
11     for (i=n-1, j=0; i>=0; i--, j++)
12         b[j] = a[i];
13     for (i=0; i<n; i++)
14         a[i] = b[i];
15     printf("The array after reversal is : \n");
16     for (i=0; i<n; i++)
17         printf("%d\n", a[i]);
18     return 0;
19 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\08.07.2021\RAD.exe  
- Output Size: 128.7705078125 KiB  
- Compilation Time: 0.25s

☐ Shorten compiler paths

Line: 19 Col: 3 Sel: 0 Lines: 19 Length: 448 Insert Done parsing in 0.015 seconds



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D:\C\08.07.2021\RAD.c - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

D:\C\08.07.2021\RAD.exe

```
Enter the number of elements in array :
5
Enter array elements :
10
20
30
40
50
The array after reversal is :
50
40
30
20
10

-----
Process exited after 13.67 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\08.07.2021\RAD.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.25s
```

☐ Shorten compiler paths

Line: 19 Col: 3 Sel: 0 Lines: 19 Length: 448 Insert Done parsing in 0.015 seconds



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ENG

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