

D:\C\29.07.2021\Call by Value.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 Call by Value.c Call by Reference.c Dynamic Array.c 1 D Array(Function).c

```
1 //Question 1.
2 #include<stdio.h>
3 int change(int,int);
4 int main()
5 {
6     int x,y;
7     printf("Enter two values : \n");
8     scanf("%d%d",&x,&y);
9     change(x,y);
10    printf("Value of x=%d and y=%d\n",x,y);
11 }
12 int change(int a,int b)
13 {
14     int k;
15     k=a;
16     a=b;
17     b=k;
18 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\29.07.2021\1 D Array(Function).exe  
- Output Size: 129.140625 KiB  
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 18 Col: 3 Sel: 0 Lines: 18 Length: 262 Insert Done parsing in 0.016 seconds



Type here to search



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16:09  
29-07-2021

D:\C\29.07.2021\Call by Value.c - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

```
D:\C\29.07.2021\Call by Value.exe
Enter two values :
10
25
Value of x=10 and y=25

-----
Process exited after 8.846 seconds with return value 23
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\29.07.2021\Call by Value.exe
- Output Size: 128.7880859375 KiB
- Compilation Time: 0.50s
```

☐ Shorten compiler paths

Line: 18 Col: 3 Sel: 0 Lines: 18 Length: 262 Insert Done parsing in 0.016 seconds



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ENG

16:10  
29-07-2021

D:\C\29.07.2021\Call by Reference.c - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Call by Value.c Call by Reference.c Dynamic Array.c 1 D Array(Function).c

```
1 //Question 2.
2 #include<stdio.h>
3 int change(int*,int*);
4 int main()
5 {
6     int a,b;
7     printf("Enter two values : \n");
8     scanf("%d%d",&a,&b);
9     change(&a,&b);
10    printf("After changing two value of a=%d and b=%d",a,b);
11 }
12 int change(int *a,int *b)
13 {
14     int k;
15     k=*a;
16     *a=*b;
17     *b=k;
18     printf("Value in this function a=%d and b=%d\n",*a,*b);
19 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\29.07.2021\Call by Value.exe  
- Output Size: 128.7880859375 KiB  
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 19 Col: 3 Sel: 0 Lines: 19 Length: 347 Insert Done parsing in 0.016 seconds



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16:10

29-07-2021

```
Project Classes Debug
Call by Value Call by Reference.c Program Arguments 1.0 Assembly Function...
D:\C\29.07.2021\Call by Reference.exe
Enter two values :
12
42
Value in this function a=42 and b=12
After changing two value of a=42 and b=12
-----
Process exited after 14.44 seconds with return value 41
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

- Warnings: 0
- Output Filename: D:\C\29.07.2021\Call by Reference.exe
- Output Size: 129.3076171875 KiB
- Compilation Time: 0.52s

D:\C\29.07.2021\Dynamic Array.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 Call by Value.c Call by Reference.c Dynamic Array.c 1D Array(Function).c

```
1 //Question 3.
2 #include<stdio.h>
3 #include<stdlib.h>
4 int main()
5 {
6     int *p,sum,n,i;
7     printf("Enter the number of elements : ");
8     scanf("%d",&n);
9     p=(int*)malloc(n*sizeof(int));
10    printf("Enter the elements of array : ");
11    for(i=0;i<n;i++)
12        scanf("%d",&p[i]);
13    sum=0;
14    for(i=0;i<n;i++)
15        sum=sum+p[i];
16    printf("Array elements are : ");
17    for(i=0;i<n;i++)
18        printf("%d ",p[i]);
19    printf("\nSummarisation = %d",sum);
20 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\29.07.2021\Call by Reference.exe
- Output Size: 129.3076171875 KiB
- Compilation Time: 0.52s
```

☐ Shorten compiler paths

Line: 20 Col: 3 Sel: 0 Lines: 20 Length: 429 Insert Done parsing in 0.016 seconds



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D:\C\29.07.2021\Dynamic Array.c - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Call D:\C\29.07.2021\Dynamic Array.exe

```
1 Enter the number of elements : 5
2 Enter the elements of array : 2
3 3
4 4
5 5
6 6
7 6
8 Array elements are : 2 3 4 5 6
9 Summarisation = 20
10 -----
11 Process exited after 15.51 seconds with return value 19
12 Press any key to continue . . .
13
14
15
16
17
18
19
20
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\29.07.2021\Dynamic Array.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.50s
```

☐ Shorten compiler paths

Line: 20 Col: 3 Sel: 0 Lines: 20 Length: 429 Insert Done parsing in 0.016 seconds



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D:\C\29.07.2021\1 D Array(Function).c - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Call by Value.c Call by Reference.c Dynamic Array.c 1 D Array(Function).c

```
1 //Question 4.
2 #include<stdio.h>
3 int total(int*,int);
4 int main()
5 {
6     int a[10],sum,n,i;
7     printf("Enter the number of elements : ");
8     scanf("%d",&n);
9     printf("Enter the elements of the array : ");
10    for(i=0;i<n;i++)
11        scanf("%d",&a[i]);
12    sum=total(a,n);
13    printf("Summation = %d",sum);
14 }
15 int total(int *a,int n)
16 {
17     int sum=0,i;
18     for(i=0;i<n;i++)
19         sum=sum+a[i];
20     return sum;
21 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0  
- Output Filename: D:\C\29.07.2021\Dynamic Array.exe  
- Output Size: 128.6015625 KiB  
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 21 Col: 3 Sel: 0 Lines: 21 Length: 392 Insert Done parsing in 0.016 seconds



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D:\C\29.07.2021\1 D Array(Function).c - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

D:\C\29.07.2021\1 D Array(Function).exe

```
1
2 Enter the number of elements : 5
3 Enter the elements of the array : 1
42
53
64
75
8 Summation = 15
9 -----
10 Process exited after 9.01 seconds with return value 14
11 Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\29.07.2021\1 D Array(Function).exe
- Output Size: 129.140625 KiB
- Compilation Time: 0.52s
```

☐ Shorten compiler paths

Line: 21 Col: 3 Sel: 0 Lines: 21 Length: 392 Insert Done parsing in 0.016 seconds



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16:12  
29-07-2021