

D:\C\Prime_or_not.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 Prime_or_not.c Fibonacci.c Factorial.c GCD.c ASMDM.c Stars.c Sum.c Multiply.c

```
1 //Question 1.
2 #include<stdio.h>
3 #include<math.h>
4 int main()
5 {
6     int i,j;
7     printf("Enter a number : ");
8     scanf("%d",&j);
9     for (i=2; i<=sqrt(j); i++)
10         if(j%i==0)
11             break;
12     if(i>sqrt(j))
13         printf("%d is a prime number\n",j);
14     else
15         printf("%d is not a prime number\n",j);
16     return 0;
17 }
18 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: D:\C\Sum.exe
- Output Size: 129.271484375 KiB
- Compilation Time: 0.24s

☐ Shorten compiler paths

Line: 16 Col: 15 Sel: 0 Lines: 18 Length: 344 Insert Done parsing in 0.016 seconds



Type here to search

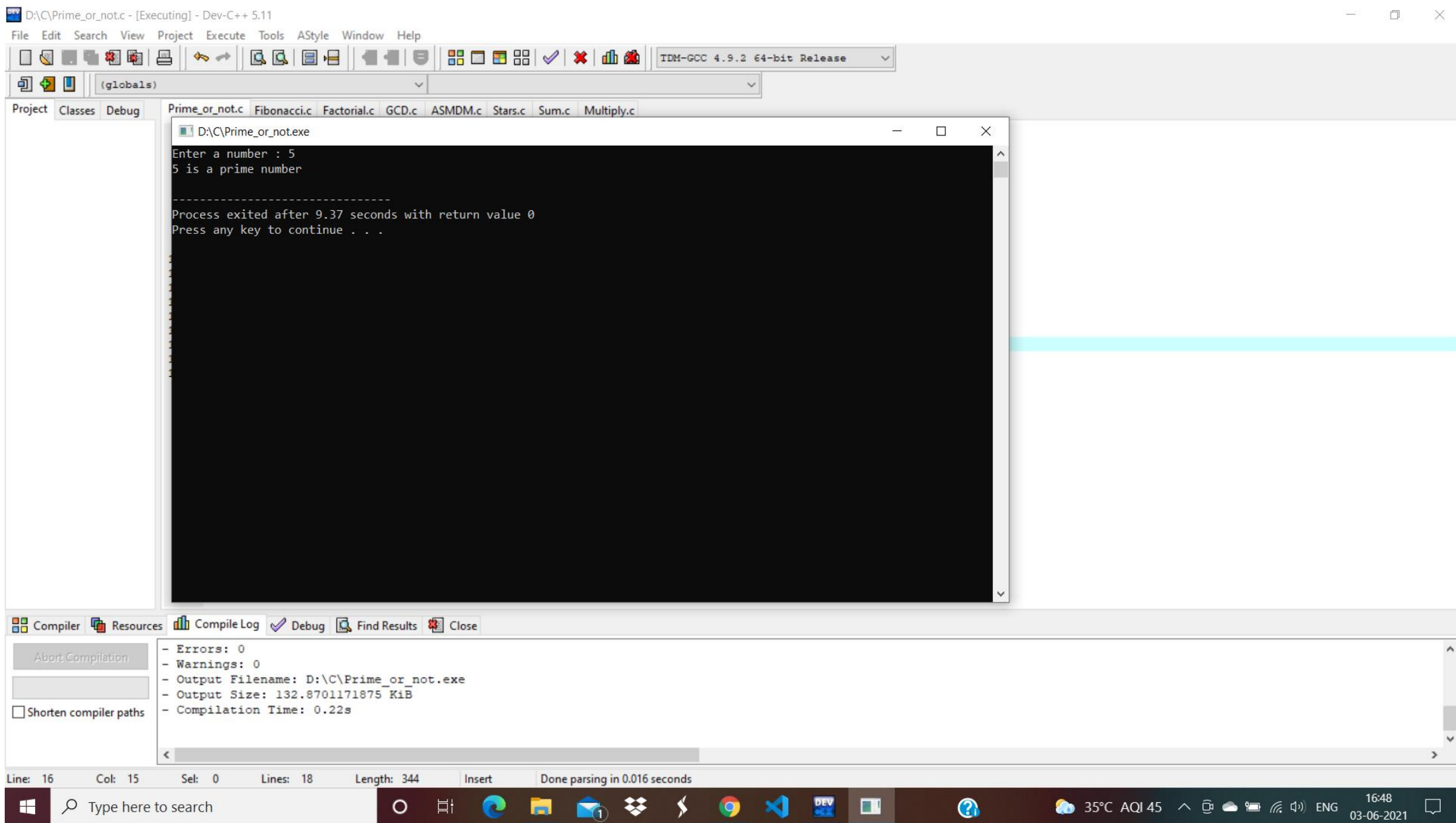


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03-06-2021

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ENG



```
1 //Question 2.
2 #include <stdio.h>
3 int main()
4 {
5     int a = 0, b = 1, next = 0, n;
6     printf("Enter a positive number: ");
7     scanf("%d", &n);
8     printf("Fibonacci Series: %d %d ", a, b);
9     next = a + b;
10
11     while (next <= n)
12     {
13         printf("%d ", next);
14         a = b;
15         b = next;
16         next = a + b;
17     }
18     return 0;
19 }
```

Abort Compilation

```
- Errors: 0
- Warnings: 0
- Output Filename: D:\C\Prime_or_not.exe
- Output Size: 132.8701171875 KiB
- Compilation Time: 0.22s
```

☐ Shorten compiler paths

D:\C\Factorial.c - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Prime_or_not.c Fibonacci.c Factorial.c GCD.c ASMDM.c Stars.c Sum.c Multiply.c

```
1 //Question 3.
2 #include<stdio.h>
3 int main()
4 {
5     int n,num,fact=1;
6     printf("Enter any number : ");
7     scanf("%d",&n);
8     num=n;
9     if(n<0)
10         printf("No factorial as the user given number is negative\n");
11     else
12     {
13         while(n>1)
14         {
15             fact*=n;
16             n--;
17         }
18         printf("Factorial of %d=%d\n",num,fact);
19     }
20     return 0;
21 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: D:\C\Fibonacci.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.22s

☐ Shorten compiler paths

Line: 20 Col: 15 Sel: 0 Lines: 21 Length: 364 Insert Done parsing in 0.016 seconds



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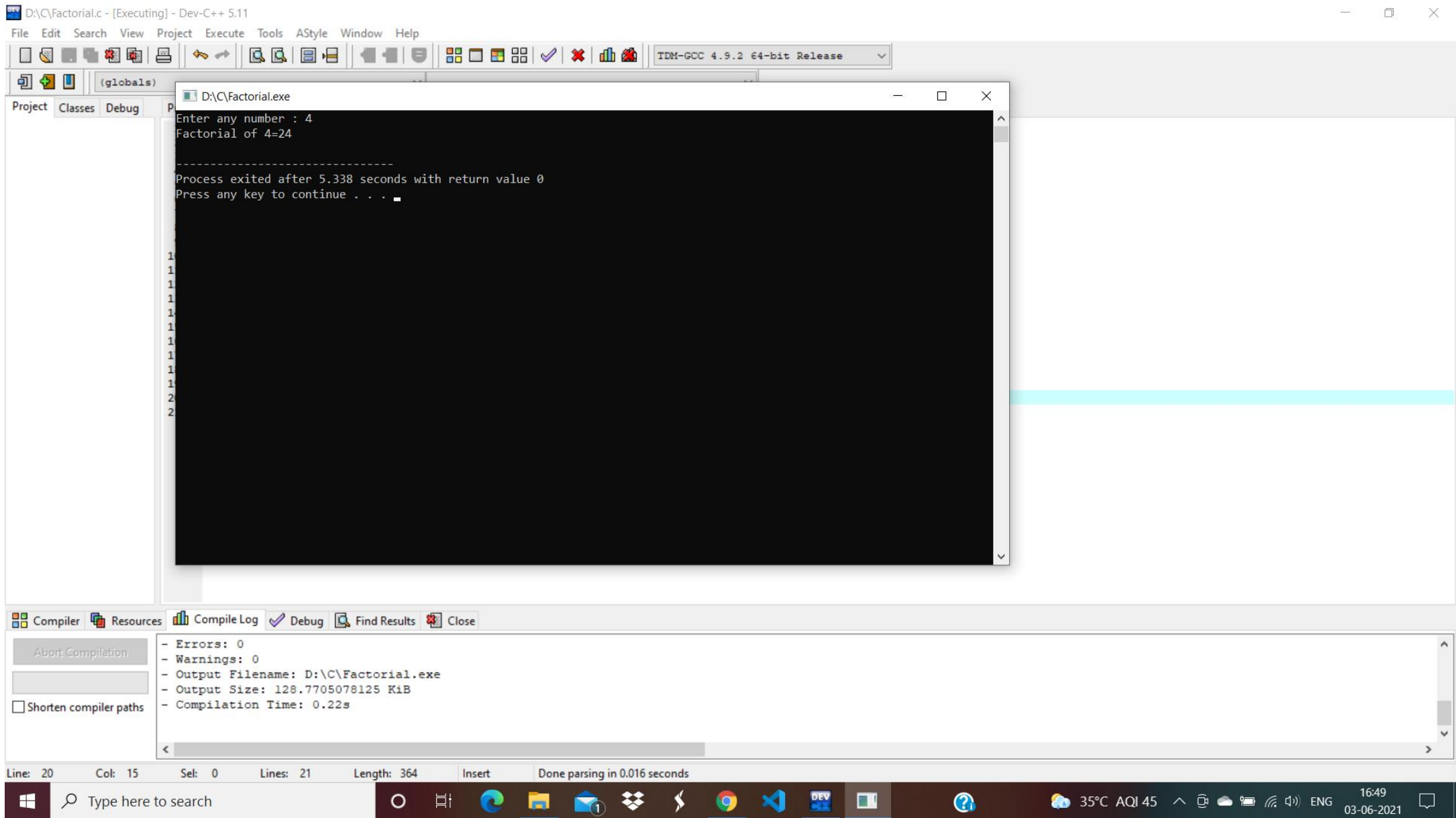


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ENG



```
1 //Question 4.
2 #include<stdio.h>
3 int main()
4 {
5     int x,y,a,b;
6     printf("Enter any two numbers : ");
7     scanf("%d%d",&x,&y);
8     a=x; b=y;
9     while(a!=b)
10    {
11        if(a>b)
12            a=a-b;
13        else
14            b=b-a;
15    }
16    printf("GCD of %d and %d is %d\n",x,y,a);
17    return 0;
18 }
```

Abort Compilation

- Errors: 0
- Warnings: 0
- Output Filename: D:\C\Factorial.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.22s

☐ Shorten compiler paths

D:\C\ASMDM.c - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Prime_or_not.c Fibonacci.c Factorial.c GCD.c [*] ASMDM.c Stars.c Sum.c Multiply.c

```
1 //Question 5.
2 #include<stdio.h>
3 int main()
4 {
5     int a,b,ch;
6     char choice;
7     printf("Enter any two numbers : ");
8     scanf("%d",&a,&b);
9     do
10    {
11        printf("\n Press 1 to add two numbers ");
12        printf("\n Press 2 to subtract two numbers ");
13        printf("\n Press 3 to multiply two numbers ");
14        printf("\n Press 4 to modulo divide two numbers");
15        printf("\n Press 5 to divide two numbers \n");
16        scanf("%d",&ch);
17        switch(ch)
18        {
19            case 1: printf("Sum: %d",a+b);
20                break;
21            case 2: printf("Subtract :%d",a-b);
22                break;
23            case 3: printf("Multiply :%d",a*b);
24                break;
25            case 4: printf("Modulo :%d",a%b);
26                break;
27            case 5: if(b==0)
28                    printf("\n Denominator cannot be zero");
29                else
30                    printf("Divide :%d",a/b);
31                break;
32            default:printf("Wrong choice!");
33        }
34        printf("\n Do you want to continue? (Press y/n)");
35        scanf(" %c",&choice);
36        while(choice=='y'); |
37    }
38 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\Multiply.exe
- Output Size: 128.6015625 KiB

Line: 37 Col: 25 Sel: 0 Lines: 38 Length: 885 Insert Done parsing in 0.015 seconds



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```
1 //Question 6.
2 #include <stdio.h>
3
4 int main()
5 {
6     int i, j, n;
7     printf("Enter a range: ");
8     scanf("%d", &n);
9     for (i = 1; i <= n; i++)
10     {
11         for (j = (n - 1); j >= i; j--)
12         {
13             printf("\t");
14         }
15         for (j = 1; j <= i; j++)
16         {
17             printf("\t\t");
18         }
19         printf("\n");
20     }
21     return 0;
22 }
```

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\ASMDM.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.23s

☐ Shorten compiler paths

D:\C\Sum.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 Prime_or_not.c Fibonacci.c Factorial.c GCD.c ASMDM.c Stars.c Sum.c Multiply.c

```
1 //Question 7.
2 #include<stdio.h>
3 #include<conio.h>
4 int main()
5 {
6     int i,j;
7     int sum=0,series=1;
8     printf("Enter total elements in the series : ");
9     scanf("%d",&j);
10    for(i=1; i<=j; i++)
11    {
12        printf(" %d",series);
13        sum=sum+series;
14        series=series+i;
15    }
16    printf("\nThe Sum of series is : %d",sum);
17    getch();
18    return 0;
19 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\Stars.exe
- Output Size: 128.7734375 KiB
- Compilation Time: 0.36s

☐ Shorten compiler paths

Line: 18 Col: 12 Sel: 0 Lines: 19 Length: 342 Insert Done parsing in 0.015 seconds



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

FileEditSearchViewProjectExecuteToolsAStyleWindowHelp

TDM-GCC 4.9.2 64-bit Release

ProjectClassesDebug

D:\C\Sum.exe

1Enter total elements in the series : 6

21 2 4 7 11 16

3The Sum of series is : 41

4-----

5Process exited after 19.72 seconds with return value 0

6Press any key to continue . . .

7

8

9

10

11

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CompilerResourcesCompile LogDebugFind ResultsClose

Abort Compilation

- Warnings: 0

- Output Filename: D:\C\Sum.exe

- Output Size: 129.271484375 KiB

- Compilation Time: 0.23s

☐ Shorten compiler paths

Line: 18Col: 12Sel: 0Lines: 19Length: 342InsertDone parsing in 0.015 seconds

Windows Taskbar

16:5703-06-2021

D:\C\Multiply.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 Prime_or_not.c Fibonacci.c Factorial.c GCD.c ASMDM.c Stars.c Sum.c Multiply.c

```
1 //Question 8.
2 #include <stdio.h>
3
4 int main()
5 {
6     int x, y;
7     int product = 0;
8
9     printf("Enter two integers : ");
10    scanf("%d%d", &x, &y);
11    while(y != 0)
12    {
13        product += x;
14        y--;
15    }
16
17    printf("The product of the two numbers is : %d\n", product);
18    return 0;
19 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\Sum.exe
- Output Size: 129.271484375 KiB
- Compilation Time: 0.23s

☐ Shorten compiler paths

Line: 18 Col: 14 Sel: 0 Lines: 19 Length: 302 Insert Done parsing in 0.015 seconds



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16:58

03-06-2021

D:\C\Multiply.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\Multiply.exe

```
Enter two integers : -5
-6
The product of the two numbers is : 30

-----
Process exited after 20.9 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\Multiply.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.22s
```

☐ Shorten compiler paths

Line: 18 Col: 14 Sel: 0 Lines: 19 Length: 302 Insert Done parsing in 0.015 seconds



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35°C AQI 45

16:58

03-06-2021