

C:\Users\abhigna\Documents\count elements.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug factorial.cpp prime using func.cpp reverse string using func.cpp min and max func.cpp gcd

```
1  #include <iostream>
2  #include <string>
3  using namespace std;
4  int countElements(const string& str) {
5      return str.length();
6  }
7  int main() {
8      string myString = "world";
9      int count = countElements(myString);
10     cout << "Number of elements in the string: " << count;
11     return 0;
12 }
13
```

Compiler Resources Compile Log Debug Find Results Close

C:\Users\abhigna\Documents\count elements.exe

```
Number of elements in the string: 5
-----
Process exited after 0.2228 seconds with return value 0
Press any key to continue . . .
```

About Compilation

☐ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\count elements.exe
- Output Size: 1.8354663848877 MiB
- Compilation Time: 1.73s
```

Line: 8 Col: 24 Sel: 0 Lines: 13 Length: 300 Insert Done parsing in 0.156 seconds



(globals)

Project Classes Debug

celsius to fahrenheit using func.cpp
factorial.cpp prime using func.cpp reverse string using func.cpp

```
1  #include <iostream>
2  using namespace std;
3  int gcd(int a, int b)
4  {
5      if (a == 0)
6          return b;
7      if (b == 0)
8          return a;
9      if (a == b)
10         return a;
11     if (a > b)
12         return gcd(a-b, b);
13     return gcd(a, b-a);
14 }
15 int main()
16 {
17     int a = 36, b = 60;
18     cout<<"GCD of "<<a<<" and "<<b<<" is "<<gcd(a, b);
19     return 0;
20 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\gcd using func.exe
- Output Size: 1.832444190979 MiB
- Compilation Time: 5.64s
```

Line: 14 Col: 4 Sel: 0 Lines: 20 Length: 416 Insert Done parsing in 0.031 seconds

C:\Users\abhigna\Documents\gcd using func.exe

GCD of 36 and 60 is 12

```
-----
Process exited after 0.3044 seconds with return value 0
Press any key to continue . . .
```

C:\Users\abhigna\Documents\factorial.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug factorial.cpp

```
1 #include <iostream>
2 using namespace std;
3 int factorial(int n)
4 {
5     if ((n==0)||(n==1))
6         return 1;
7     else
8         return n*factorial(n-1);
9 }
10 int main()
11 {
12     int n;
13     cout<<"enter the number:";
14     cin>>n;
15     cout<<"Factorial of "<<n<<" is "<<factorial(n);
16     return 0;
17 }
18
```

C:\Users\abhigna\Documents\factorial.exe

enter the number:5
Factorial of 5 is 120

Process exited after 2.511 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Shorten compiler paths

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\factorial.exe
- Output Size: 1.83246231079102 MiB
- Compilation Time: 5.73s

Line: 13 Col: 29 Sel: 0 Lines: 18 Length: 289 Insert Done parsing in 0.032 seconds

Type here to search

Record high

08:39 21-02-2024

C:\Users\abhigna\Documents\min and max func.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug factorial.cpp prime using func.cpp reverse string using func.cpp min

```
1 #include <iostream>
2 using namespace std;
3 void getMinMax(int arr[] , int N)
4 {
5     int max = arr[0], min = arr[0];
6     for(int i = 1; i < N; i++)
7     {
8         if(max < arr[i])
9             max = arr[i];
10        if(min > arr[i])
11            min = arr[i];
12    }
13    cout<<"Maximum Value = "<<max;
14    cout<<"\nMinimum Value = "<<min;
15 }
16 int main()
17 {
18     int arr[] = {2, 1, 6, 9, 4, 10, 15, 21};
19     int N = 8;
20     getMinMax(arr, N);
21     return 0;
}
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

☐ Shorten compiler paths

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\min and max func.exe
- Output Size: 1.83248615264893 MiB
- Compilation Time: 1.77s

C:\Users\abhigna\Documents\min and max func.exe

Maximum Value = 21
Minimum Value = 1

Process exited after 0.1849 seconds with return value 0
Press any key to continue . . .

Line: 14 Col: 13 Sel: 0 Lines: 22 Length: 446 Insert Done parsing in 0.031 seconds


```
1  #include <iostream>
2  using namespace std;
3  const double PI = 3.14;
4  double calculateArea(double radius)
5  {
6      return PI * radius * radius;
7  }
8
9  int main()
10 {
11     double radius;
12     cout << "Enter the radius of the circle: ";
13     cin >> radius;
14     double area = calculateArea(radius);
15     cout << "The area of the circle with radius " << radius << " is: "
16     return 0;
17 }
18
```

About Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\area of circle using func.exe
- Output Size: 1.83270359039307 MiB
- Compilation Time: 4.47s
```



C:\Users\abhigna\Documents\celsius to fahrenheit using func.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug factorial.cpp prime using func.cpp reverse string using func.cpp min and max func.cpp gcd using func.cpp

```
1  #include <iostream>
2  using namespace std;
3  double celsiusToFahrenheit(double celsius) {
4      return (celsius * 9.0 / 5.0) + 32.0;
5  }
6  double fahrenheitToCelsius(double fahrenheit) {
7      return (fahrenheit - 32.0) * 5.0 / 9.0;
8  }
9  int main() {
10     double celsius, fahrenheit;
11     cout << "Enter temperature in Celsius: ";
12     cin >> celsius;
13     fahrenheit = celsiusToFahrenheit(celsius);
14     cout << "Temperature in Fahrenheit: " << fahrenheit<<endl;
15     cout << "Enter temperature in Fahrenheit: ";
16     cin >> fahrenheit;
17     celsius = fahrenheitToCelsius(fahrenheit);
18     cout << "Temperature in Celsius: " << celsius;
19     return 0;
20 }
21
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\celsius to fahrenheit using func.exe
- Output Size: 1.83323383331299 MiB
- Compilation Time: 1.78s

Line: 14 Col: 62 Sel: 0 Lines: 21 Length: 652 Insert Done parsing in 0.031 seconds

C:\Users\abhigna\Documents\celsius to fahrenheit using func.exe

```
Enter temperature in Celsius: 37
Temperature in Fahrenheit: 98.6
Enter temperature in Fahrenheit: 99
Temperature in Celsius: 37.2222
-----
Process exited after 4.357 seconds with return value 0
Press any key to continue . . .
```

```
1  #include<iostream>
2  using namespace std;
3  void prime(int n)
4  {
5      int i,m=n/2,flag=0;
6      for(i=2;i<=m;i++)
7      {
8          if(n%i==0)
9          {
10             cout<<"Number is not Prime."<<endl;
11             flag=1;
12             break;
13         }
14     }
15     if(flag==0)
16         cout<<"Number is Prime."<<endl;
17 }
18 int main()
19 {
20     int n;
21     cout<<"Enter the Number to check Prime: ";
```

About Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\prime using func.exe
- Output Size: 1.83266067504883 MiB
- Compilation Time: 2.91s
```



C:\Users\abhigna\Documents\reverse string using func.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug factorial.cpp prime using func.cpp reverse string using func.cpp

```
1 #include <algorithm>
2 #include <iostream>
3 #include <string>
4 using namespace std;
5 int main()
6 {
7     string word = "abhi";
8     cout<<"the current string:"<<word;
9     reverse(word.begin(), word.end());
10    cout << "\nafter reversing:"<<word;
11    return 0;
12 }
13
```

C:\Users\abhigna\Documents\reverse string using func.exe

```
the current string:abhi
after reversing:ihba
-----
Process exited after 0.1817 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\reverse string using func.exe
- Output Size: 1.84050273895264 MiB
- Compilation Time: 1.77s

Line: 12 Col: 2 Sel: 0 Lines: 13 Length: 252 Insert Done parsing in 0.047 seconds

C:\Users\abhigna\Documents\string palindrome.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

factorial.cpp

prime using func.cpp

[*] reverse string using func.cpp

celsius to fahrenheit using func.cpp

```
1 #include <iostream>
2 #include <string>
3 #include <cctype>
4 using namespace std;
5 bool isPalindrome(const string& str)
6 {
7     int left = 0;
8     int right = str.length() - 1;
9     while (left < right)
10     {
11         while (!isalnum(str[left]) && left < right)
12         {
13             left++;
14         }
15         while (!isalnum(str[right]) && left < right)
16         {
17             right--;
18         }
19         if (tolower(str[left]) != tolower(str[right]))
20             return false;
21     }
22     return true;
23 }
```

Compiler Resources Compile Log Debug Find Results Close

About Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\abhigna\Documents\string palindrome.exe
- Output Size: 1.83350658416748 MiB
- Compilation Time: 1.67s

Line: 32 Col: 13 Sel: 0 Lines: 43 Length: 839 Insert Done parsing in 0.047 seconds



Type here to search



26°C Mostly sunny



Meet Now

09:45
21-02-2024



C:\Users\abhigna\Documents\string palindrome.exe

Enter a string: madam

The string is a palindrome.

Process exited after 4.666 seconds with return value 0

Press any key to continue . . .