

D:\C\22.07.2021\Vowel(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 1.
2 #include<stdio.h>
3 int main()
4 {
5     int i=0,count=0;
6     char s[100];
7     printf("Input a string : \n");
8     gets(s);
9     while(s[i] != '\0')
10    {
11        if(s[i]=='a' || s[i]=='A' || s[i]=='e' || s[i]=='E' || s[i]=='i' || s[i]=='I' || s[i]=='o' || s[i]=='O' || s[i]=='u' || s[i]=='U')
12            count++;
13        i++;
14    }
15    printf("Number of vowels in the string : %d",count);
16    return 0;
17 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\22.07.2021\Copy(String).exe
- Output Size: 128.1005859375 KiB
- Compilation Time: 0.50s
```

☐ Shorten compiler paths

Line: 17 Col: 3 Sel: 0 Lines: 17 Length: 385 Insert Done parsing in 0.047 seconds



Type here to search



31°C Light rain 16:06 22-07-2021 ENG

```
D:\C\22.07.2021\Vowel(String).exe
Input a string :
Sinchan
Number of vowels in the string : 2
-----
Process exited after 17.24 seconds with return value 0
Press any key to continue . . .
```

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Vowel(String).exe
- Output Size: 128.26953125 KiB
- Compilation Time: 0.50s

☐ Shorten compiler paths

D:\C\22.07.2021\Length(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 2.
2 #include<stdio.h>
3 int main()
4 {
5     char str[100];
6     int i,length=0;
7     printf("Enter the string : \n");
8     gets(str);
9     for(i=0;str[i]!='\0';i++)
10         length++;
11     printf("Length of the string is : %d\n",length);
12     return 0;
13 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Vowel(String).exe
- Output Size: 128.26953125 KiB
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 13 Col: 3 Sel: 0 Lines: 13 Length: 244 Insert Done parsing in 0.047 seconds



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ENG

16:06
22-07-2021



D:\C\22.07.2021\Concatenate(String).c - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 3.
2 #include<stdio.h>
3 int main()
4 {
5     char str1[50],str2[50];
6     static int i=0;
7     int j=0;
8     printf("Enter the first string : \n");
9     gets(str1);
10    printf("Enter the second string : \n");
11    gets(str2);
12    while(str1[i]!='\0')
13    {
14        i++;
15    }
16    while(str2[j]!='\0')
17    {
18        str1[i]=str2[j];
19        j++;
20        i++;
21    }
22    str1[i]='\0';
23    printf("The concatenated string is : %s",str1);
24    return 0;
25 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Length(String).exe
- Output Size: 128.26953125 KiB
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 25 Col: 3 Sel: 0 Lines: 25 Length: 404 Insert Done parsing in 0.047 seconds



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31°C Light rain



ENG

16:08

22-07-2021

D:\C\22.07.2021\Concatenate(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 D:\C\22.07.2021\Concatenate(String).exe
2
3 Enter the first string :
4 Sinchan
5 Enter the second string :
6 Basu
7 The concatenated string is : SinchanBasu
8 -----
9 Process exited after 9.965 seconds with return value 0
10 Press any key to continue . . .
11
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```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\22.07.2021\Concatenate (String) .exe
- Output Size: 128.80859375 KiB
- Compilation Time: 0.59s
```

☐ Shorten compiler paths

Line: 25 Col: 3 Sel: 0 Lines: 25 Length: 404 Insert Done parsing in 0.047 seconds



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31°C Light rain 16:09 22-07-2021 ENG

D:\C\22.07.2021\Copy(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 4.
2 #include<stdio.h>
3 int main()
4 {
5     char str1[100],str2[100];
6     int i;
7     printf("Enter the string : ");
8     gets(str2);
9     i=0;
10    while(str2[i] !='\0')
11    {
12        str1[i]=str2[i];
13        i++;
14    }
15    str1[i]='\0';
16    printf("\nThe copied string is : %s",str2);
17    return 0;
18 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Concatenate(String).exe
- Output Size: 128.80859375 KiB
- Compilation Time: 0.59s

☐ Shorten compiler paths

Line: 18 Col: 3 Sel: 0 Lines: 18 Length: 301 Insert Done parsing in 0.047 seconds



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31°C Light rain 16:09 22-07-2021

D:\C\22.07.2021\Compare(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 5.
2 #include<stdio.h>
3 int main()
4 {
5     char str1[30],str2[30];
6     int i;
7     printf("Enter any two strings : ");
8     gets(str1);
9     gets(str2);
10    i=0;
11    while(str1[i] == str2[i] && str1[i] !='\0')
12        i++;
13    if(str1[i] > str2[i])
14        printf("str1 > str2");
15    else if(str1[i] < str2[i])
16        printf("str1 < str2");
17    else
18        printf("str1=str2");
19    return 0;
20 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Copy(String).exe
- Output Size: 128.1005859375 KiB
- Compilation Time: 0.50s

☐ Shorten compiler paths

Line: 20 Col: 3 Sel: 0 Lines: 20 Length: 371 Insert Done parsing in 0.047 seconds



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16:10
22-07-2021

D:\C\22.07.2021\Compare(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 D:\C\22.07.2021\Compare(String).exe
2
3 Enter any two strings : Sinchan
4 Basu
5 str1 > str2
6 -----
7 Process exited after 19.84 seconds with return value 0
8 Press any key to continue . . .
9
10
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12
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14
15
16
17
18
19
20
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\22.07.2021\Compare (String) .exe
- Output Size: 128.1005859375 KiB
- Compilation Time: 0.58s
```

☐ Shorten compiler paths

Line: 20 Col: 3 Sel: 0 Lines: 20 Length: 371 Insert Done parsing in 0.047 seconds



Type here to search



31°C Light rain



16:10
22-07-2021

D:\C\22.07.2021\Palindrome(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 //Question 6.
2 #include<stdio.h>
3 #include<string.h>
4 int main()
5 {
6     char s1[20];
7     int i,j,len=0,flag=0;
8     printf("Enter any string : ");
9     gets(s1);
10    for(i=0;s1[i]!='\0';i++)
11        len++;
12    i = 0;
13    j = len-1;
14    while(i<j)
15    {
16        if (s1[i] != s1[j])
17        {
18            flag=1;
19            break;
20        }
21        i++;
22        j--;
23    }
24    if (flag == 0)
25        printf("This string is a palindrome");
26    else
27        printf("This string is not a palindrome");
28    return 0;
29 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: D:\C\22.07.2021\Palindrome (String) .exe
- Output Size: 128.62109375 KiB
- Compilation Time: 0.47s

☐ Shorten compiler paths

Line: 29 Col: 3 Sel: 0 Lines: 29 Length: 463 Insert Done parsing in 0.015 seconds



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31°C Light rain



16:13
22-07-2021

D:\C\22.07.2021\Palindrome(String).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 Vowel(String).c Length(String).c Concatenate(String).c Copy(String).c Compare(String).c Palindrome(String).c

```
1 D:\C\22.07.2021\Palindrome(String).exe
2
3 Enter any string : RADAR
4 This string is a palindrome
5 -----
6 Process exited after 8 seconds with return value 0
7 Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: D:\C\22.07.2021\Palindrome (String) .exe
- Output Size: 128.62109375 KiB
- Compilation Time: 0.58s
```

☐ Shorten compiler paths

Line: 29 Col: 3 Sel: 0 Lines: 29 Length: 463 Insert Done parsing in 0.015 seconds



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16:13
22-07-2021