File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled2.cpp

```c
#include <stdio.h>
int main() {
    char c;
    printf("varshith 192224164");
      public int __cdecl printf (const char * __restrict__ _Format, ...)
    scanf(" %c", &c);

    if ((c >= 'a' && c <= 'z') || (c >= 'A' && c <= 'Z'))
        printf("%c is an alphabet.", c);
    else
        printf("%c is not an alphabet.", c);

return 0;
}
```

C:\Users\nithi\OneDri

varshith 192224164Enter a character: v
v is an alphabet.

Process exited after 3.064 seconds with return
 value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.55s
```

Line: 4   Col: 31   Sel: 0   Lines: 14   Length: 315   Insert   Done parsing in 0.047 seconds

30°C
Mostly clear

Q Search

ENG
IN

21:22
24-03-2023

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(globals)

Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main()
4    {
5        int num;
6
7        printf("varshith 192224164");
8        printf("Enter any number: ");
9        scanf("%d", &num);
10
11
12
13       if((num % 5 == 0) && (num % 11 == 0))
14       {
15           printf("Number is divisible by 5 and 11");
16       }
17       else
18       {
19           printf("Number is not divisible by 5 and 11");
20       }
21
22       return 0;
23   }
```

Console output:

```
varshith 192224164Enter any number: 6
Number is not divisible by 5 and 11
-----------------------------------
Process exited after 2.453 seconds with return
 value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.19s
```

Line: 7   Col: 34   Sel: 0   Lines: 23   Length: 362   Insert   Done parsing in 0 seconds

main.c

```c
#include <stdio.h>
int main()
{
    int c = 0, count = 0;
    char s[1000];
    printf("varshith 192224164");

    printf("Input a string\n");
    gets(s);

    while (s[c] != '\0') {
        if (s[c] == 'a' || s[c] == 'A' || s[c] == 'e' || s[c] == 'E' ||
            s[c] == 'i' || s[c] == 'I' || s[c] =='o' || s[c]=='O' ||
            s[c] == 'u' || s[c] == 'U')
          count++;
        c++;
```

Output

```
/tmp/E36cvupXZF.o
varshith 192224164Input a string
VARSHITH
Number of vowels in the string: 2
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

TDM-GCC 4.9.2 64-bit Release

Project   Classes   Debug

Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        int decimalNum, binaryNum[32], i = 0;
5        printf("varshith 192224164");
6        printf("Enter a decimal number: ");
7        scanf("%d", &decimalNum);
8
9        while(decimalNum > 0) {
10           binaryNum[i] = decimalNum % 2;
11           decimalNum = decimalNum / 2;
12           i++;
13       }
14
15       printf("Binary number: ");
16       for(int j = i - 1; j >= 0; j--)
17           printf("%d", binaryNum[j]);
18
19   return 0;
20   }
```

```
varshith 192224164Enter a decimal number: 8.9
Binary number: 1000
--------------------------------
Process exited after 3.767 seconds with return
 value 0
Press any key to continue . . .
```

▦ Compiler   🔧 Resources   ⊞ Compile Log   ✓ Debug   🔍 Find Results   ▦ Close

Abort Compilation

☐ Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.20s
```

Line: 5   Col: 31   Sel: 0   Lines: 20   Length: 440   Insert   Done parsing in 0.015 seconds

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug | Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        int num, sum = 0, digit;
5        printf("varshith 192224164");
6        public int __cdecl printf (const char * __restrict__ _Format, ...)
7        scanf("%d", &num);
8
9        for(; num > 0; num /= 10) {
10           digit = num % 10;
11           sum += digit;
12       }
13
14       printf("Sum of digits: %d\n", sum);
15
16       return 0;
17   }
```

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Open a new tab
Alt+Click to split the current window
Shift+Click to open a new window

varshith 192224164Enter a
Sum of digits: 18

Process exited after 6.243 seconds with return
 value 0
Press any key to continue . . .

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.56s
```

Line: 5   Col: 31   Sel: 0   Lines: 17   Length: 317   Insert   Done parsing in 0.031 seconds

29°C
Mostly clear

Q Search

ENG
IN

22:36
28-03-2023

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug

Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        int num, reverse = 0, remainder;
5        printf("varshith 192224164");
6        public int __cdecl printf (const char * __restrict__ _Format, ...)
7        scanf("%d", &num);
8
9        for (; num != 0; num /= 10) {
10           remainder = num % 10;
11           reverse = reverse * 10 + remainder;
12       }
13
14       printf("The reverse of the number is: %d", reverse);
15       return 0;
16   }
```

Console output:

```
varshith 192224164Enter a number: 44444
The reverse of the number is: 44444
---------------------------------
Process exited after 2.381 seconds with return
 value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.22s
```

Line: 5   Col: 31   Sel: 0   Lines: 16   Length: 360   Insert   Done parsing in 0 seconds

29°C
Mostly clear

TDM-GCC 4.9.2 64-bit Release

ENG
IN
22:52
28-03-2023

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug

Untitled2.cpp

```c
1      #include <stdio.h>
2
3      int main() {
4          int amount, count500=0, count100=0, count50=0, count20=0, count10=0, count5=0, count2=0, count1=0;
5          printf("varshith 192224164");
6          public int __cdecl printf (const char * __restrict__ _Format, ...)
7          scanf("%d", &amount);
8
9          // count the number of each denomination required
10         if (amount >= 500) {
11             count500 = amount / 500;
12             amount %= 500;
13         }
14         if (amount >= 100) {
15             count100 = amount / 100;
16             amount %= 100;
17         }
18         if (amount >= 50) {
19             count50 = amount / 50;
20             amount %= 50;
21         }
22         if (amount >= 20) {
23             count20 = amount / 20;
24             amount %= 20;
25         }
26         if (amount >= 10) {
27             count10 = amount / 10;
28             amount %= 10;
29         }
30         if (amount >= 5) {
31             count5 = amount / 5;
32             amount %= 5;
33         }
34         if (amount >= 2) {
35             count2 = amount / 2;
36             amount %= 2;
37         }
38         if (amount >= 1) {
39             count1 = amount;
40         }
41
42         // print the result
43         printf("Rs. 500: %d\n", count500);
```

Console output:
```
varshith 192224164Enter the amount: 6
Rs. 500: 0
Rs. 100: 0
Rs. 50: 0
Rs. 20: 0
Rs. 10: 0
Rs. 5: 1
Rs. 2: 0
Rs. 1: 1

------------------------------------
Process exited after 2.596 seconds with return
value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 129.1015625 KiB
- Compilation Time: 0.55s
```

Line: 5   Col: 31   Sel: 0   Lines: 53   Length: 1309   Insert   Done parsing in 0.032 seconds

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(globals)

TDM-GCC 4.9.2 64-bit Release

Project Classes Debug

Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        int num, count = 0;
5        printf("varshith 192224164");
6        public int __cdecl printf (const char * __restrict__ _Format, ...)
7        scanf("%d", &num);
8
9        while(num != 0) {
10           num /= 10;
11           ++count;
12       }
13
14       printf("The number of digits in the integer is: %d\n", count);
15   return 0;
16   }
```

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```
varshith 192224164Enter an integer: 4441
The number of digits in the integer is: 4

---------------------------------
Process exited after 3.294 seconds with return
 value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.53s
```

Line: 5   Col: 31   Sel: 0   Lines: 16   Length: 309   Insert   Done parsing in 0.031 seconds

29°C
Mostly clear

ENG
IN

22:29
28-03-2023

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled2.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        char ch;
5        printf("varshith 192224164");
6        public int __cdecl printf (const char * __restrict__ _Format, ...)
7        scanf("%c", &ch);
8
9        if(ch >= 'A' && ch <= 'Z')
10           printf("The entered character is an uppercase alphabet.\n");
11       else if(ch >= 'a' && ch <= 'z')
12           printf("The entered character is a lowercase alphabet.\n");
13       else
14           printf("The entered character is not an alphabet.\n");
15
16       return 0;
17   }
```

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```
varshith 192224164Enter a character: V
The entered character is an uppercase alphabet.

------------------------------------
Process exited after 2.782 seconds with return va
lue 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\nithi\OneDrive\Documents\Untitled2.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.53s
```

Line: 5   Col: 30   Sel: 0   Lines: 17   Length: 431   Insert   Done parsing in 0.047 seconds

29°C Mostly clear   Q Search   ENG IN   2:56 28-03-2025