

C:\Users\nithi\OneDrive\Documents\Untitled2.cpp - [Executing] - Dev-C++ 5.11

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IDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

Untitled2.cpp

```
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("jaswanth 192224152");
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);
```

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: 0.30s

Line: 5 Col: 31 Sel: 0 Lines: 53 Length: 1309 Insert Done parsing in 0.031 seconds

```
C:\Users\nithi\OneDrive\Documents\Untitled2.exe
jaswanth 192224152Enter the amount: 3
Rs. 500: 0
Rs. 100: 0
Rs. 50: 0
Rs. 20: 0
Rs. 10: 0
Rs. 5: 0
Rs. 2: 1
Rs. 1: 1

-----
Process exited after 2.403 seconds with return
value 0
Press any key to continue . . .
```

```
1 #include <stdio.h>
2
3 int main() {
4     int num, reverse = 0, remainder;
5     printf("jaswanth 192224152");
6     printf("Enter a number: ");
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 }
```

```
jaswanth 192224152Enter a number: 6747
The reverse of the number is: 7476
=====
Process exited after 2.347 seconds with return
value 0
Press any key to continue . . .
```

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: 0.20s
```

```
1 #include <stdio.h>
2
3 int main() {
4     int num, count = 0;
5     printf("jaswanth 192224152");
6     scanf("%d", &num);
7
8     while(num != 0) {
9         num /= 10;
10        ++count;
11    }
12
13    printf("The number of digits in the integer is: %d\n", count);
14    return 0;
15 }
```

```
C:\Users\nithi\OneDrive\Documents\Untitled2.exe
jaswanth 192224152Enter an integer: 77773773
The number of digits in the integer is: 8

-----
Process exited after 2.472 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 0.063 seconds

```
Project Classes Debug Untitled2.cpp
1  #include <stdio.h>
2
3  int main() {
4      char ch;
5      printf("jaswanth 192224152");
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 }
```

```
C:\Users\nithi\OneDrive\Documents\Untitled2.exe
jaswanth 192224152Enter a character: H
The entered character is an uppercase alphabet.

-----
Process exited after 3.592 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: 128.7705078125 KiB
- Compilation Time: 0.53s
```

Line: 5 Col: 30 Sel: 0 Lines: 17 Length: 431 Insert Done parsing in 0.016 seconds


```
1 #include <stdio.h>
2
3 int main() {
4     int num, sum = 0, digit;
5     printf("jaswanth 192224152");
6     scanf("%d", &num);
7
8     for(; num > 0; num /= 10) {
9         digit = num % 10;
10        sum += digit;
11    }
12
13    printf("Sum of digits: %d\n", sum);
14
15    return 0;
16 }
17 }
```

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: 0.53s
```

```
C:\Users\nithi\OneDrive\Documents\Untitled2.exe
jaswanth 192224152Enter a number: 456789
Sum of digits: 39

-----
Process exited after 2.747 seconds with return
value 0
Press any key to continue . . .
```











```
1 #include <stdio.h>
2
3 int main() {
4     int decimalNum, binaryNum[32], i = 0;
5     printf("jaswanth 192224152");
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 }
```

```
C:\Users\nithi\OneDri x + - □ x
jaswanth 192224152Enter a decimal number: 55.1
Binary number: 110111
-----
Process exited after 2.54 seconds with return
value 0
Press any key to continue . . . |
```



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
```



main.c



Run

```
1  #include <stdio.h>
2  int main()
3  {
4      int c = 0, count = 0;
5      char s[1000];
6      printf("Jaswanth sarma 192224152");
7
8      printf("Input a string\n");
9      gets(s);
10
11     while (s[c] != '\0') {
12         if (s[c] == 'a' || s[c] == 'A' || s[c] == 'e' || s[c] == 'E' ||
13             s[c] == 'i' || s[c] == 'I' || s[c] == 'o' || s[c] == 'O' ||
14             s[c] == 'u' || s[c] == 'U')
15             count++;
16         c++;
17     }
18     printf("Number of vowels in the string: %d", count);
```

Output

Clear

/tmp/E36cvupXZF.o
Jaswanth sarma 192224152Input a string
JASWANTH
Number of vowels in the string: 2

main.c

Run

```
1  #include <stdio.h>
2
3  int main()
4  {
5      int num;
6      printf("Jaswanth 192224152");
7      printf("Enter any number: ");
8      scanf("%d", &num);
9
10
11     if(num > 0)
12     {
13         printf("Number is POSITIVE");
14     }
15     if(num < 0)
16     {
17         printf("Number is NEGATIVE");
18     }
19     if(num == 0)
20     {
```

Output

Clear

```
/tmp/E36cvupXZF.o
Jaswanth 192224152Enter any number: 28
Number is POSITIVE
```


Untitled2.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int num;
5     printf("jaswanth 192224152");
6     scanf("%d", &num);
7
8     if (num % 5 == 0 && num % 11 == 0) {
9         printf("%d is divisible by 5 and 11.\n", num);
10    } else {
11        printf("%d is not divisible by both 5 and 11.\n", num);
12    }
13
14
15
16 }
```

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: 0.48s
```

```
jaswanth 192224152Enter a number: 2
2 is not divisible by both 5 and 11.
```

```
-----
Process exited after 3.019 seconds with return
value 0
Press any key to continue . . .
```

```
1 #include <stdio.h>
2 int main() {
3     char c;
4     printf("jaswanth 192224152");
5     public int __cdecl printf (const char * __restrict __Format, ...)
6     scanf("%c", &c);
7
8     if ((c >= 'a' && c <= 'z') || (c >= 'A' && c <= 'Z'))
9         printf("%c is an alphabet.", c);
10    else
11        printf("%c is not an alphabet.", c);
12
13    return 0;
14 }
```

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: 0.45s
```

```
C:\Users\nithi\OneDrive\Documents\Untitled2.exe
jaswanth 192224152Enter a character: j
j is an alphabet.
-----
Process exited after 34.41 seconds with return value 0
Press any key to continue . . .
```