

C:\Users\mohit\OneDrive\Documents\binarytodecimal.c - [Executing] - Dev-C++ 5.11

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(global)

Project Classes Debug

main():int

```
1 #include <stdio.h>
2 int main()
3 {
4     int num, binary_num, decimal_num = 0, base = 1, rem;
5     printf (" Enter a binary number with the combination of 0s and 1s\n");
6     scanf ("%d", &num);
7     binary_num = num;
8     while ( num > 0)
9     {
10        rem = num % 10;
11        decimal_num = decimal_num + rem * base;
12        num = num / 10;
13        base = base * 2;
14    }
15    printf ( " The binary number is %d \n", binary_num);
16    printf (" \n The decimal number is %d \n", decimal_num);
17 }
18
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\mohit\OneDrive\Documents\binarytodec
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.45s

Lines: 18 Col: 2 Sel: 0 Lines: 18 Length: 455 Insert Done parsing in 0.005s

C:\Users\mohit\OneDrive\Documents\binarytodecimal.c - [Executing] - Dev-C++ 5.11

```
Enter a binary number with the combination of 0s and 1s
01001
The binary number is 1001
The decimal number is 9
=====
Process exited after 29.98 seconds with return value 28
Press any key to continue . . .
```