

C:\Users\Purushotham\Documents\bin dec.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Debug

(globals)

Project Classes Debug factorial.cpp Untitled2.cpp dec-bin.cpp dec-oct.cpp [\*] bin-dec.cpp bin dec.cpp

```
7 long long n;
8
9 printf("Enter a binary number: ");
10 scanf("%lld", &n);
11
12 printf("%lld in binary = %d in decimal", n, convert(n));
13
14 return 0;
15 }
16 int convert(long long n) {
17     int dec = 0, i = 0, rem;
18
19     while (n != 0) {
20         rem = n % 10;
21         n /= 10;
22         dec += rem * pow(2, i);
23         // increment i
24         ++i;
25     }
26     return dec;
27 }
```

Compilation results...

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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Purushotham\Documents\bin dec.exe
- Output Size: 175.9951171875 KiB
- Compilation Time: 0.19s

Line: 24 Col: 13 Sel: 0 Lines: 32 Length: 443 Insert Done parsing in 0.016 seconds

30°C Mostly cloudy

Search

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13:12 28-11-2023

C:\Users\Purushotham\Documents\bin dec.cpp

Enter a binary number: 1101  
1101 in binary = 13 in decimal  
-----  
Process exited after 3.249 seconds with return value 0  
Press any key to continue . . .