

C:\Users\DELL\Documents\armstrong using recursion.cpp - Embarcadero Dev-C++ 6.3

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(globals) TDM-GCC 9.2.0 64-bit Release

Project C < > amstrong using recursion.cpp

```
1 #include<stdio.h>
2 #include<math.h>
3 int check_ArmstrongNumber(int num)
4 {
5     if(num>0)
6     return (pow(num%10,3) +check_ArmstrongNumber(num/10));
7 }
8 int main()
9 {
10     int num;
11     printf("Enter a number:");
12     scanf("%d",&num);
13     if(check_ArmstrongNumber(num)==num)
14     printf("It is an Armstrong Number");
15     else
16     printf("It is not an Armstrong Number");
17 }
```

Compiler Resources Compile Log Debug Find Results Console

1 Col: 1 Sel: 0 Lines: 17 Length: 377 Insert Done parsing in 0.032 seconds

C:\Users\DELL\Documents\amstrong using recursion.cpp - [Executing] - Embarcadero Dev-C++ 6.3

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C:\Users\DELL\Documents\amstrong using recursion.exe

Enter a number:153

It is an Armstrong Number

Process exited after 4.395 seconds with return value 0

Press any key to continue . . .