

C:\Users\Admin\Desktop\4th sem\ADA lab\ADA lab programs\gcd recursion\gcd_recursion.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

gcd_recursion.cpp

```
1 #include<stdio.h>
2 #include<conio.h>
3 #include<math.h>
4 #include<process.h>
5 int gcd(int m,int n)
6 {
7     if(n==0) return m;
8     if(
9     ret
10 }
11 int 42
12 { 16
13 int gcd(42,16)= 2
14 sys
15 pri
16 sca
17 res
18 pri
19 get
20 ret
21 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

☐ Shorten compiler paths

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Admin\Desktop\4th sem\ADA lab\ADA lab programs\gcd recursion\gcd_recursion.exe
- Output Size: 129.62890625 KiB
- Compilation Time: 0.14s

Line: 1 Col: 1 Sel: 0 Lines: 21 Length: 354 Insert Done parsing in 0.046 seconds

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11:46 15-04-2021

C:\Users\Admin\Desktop\4th sem\ADA lab\ADA lab programs\gcd recursion\gcd_recursion.cpp - Dev-C++ 5.11

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Project Classes Debug gcd_recursion.cpp

```
1 #include<stdio.h>
2 #include<conio.h>
3 #include<math.h>
4 #include<process.h>
5 int gcd(int m,int n)
6 {
7     if(n==0) return m;
8     if(m<n) return gcd(n,m);
9     return gcd(n,m%n);
10 }
11 int main()
12 {
13     int m,n,res;
14     system("cls");
15     printf("enter value of m and n \n");
16     scanf(" %d%d",&m,&n);
17     res=gcd(m,n);
18     printf("gcd(%d,%d) = %d \n",m,n,res);
19     getch();
20     return 0;
21 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 21 Length: 354 Insert Done parsing in 0.046 seconds

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