

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

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug gcd_iteration.cpp

C:\Users\Admin\Desktop\4th sem\ADA lab\ADA lab programs\gcd iteration\gcd_iteration.exe

enter value of m and n

5

75

gcd(5,75)= 5

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 iteration\gcd_iteration.exe
- Output Size: 129.62890625 KiB
- Compilation Time: 0.16s

Line: 1 Col: 1 Sel: 0 Lines: 24 Length: 343 Insert Done parsing in 0.063 seconds

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11:45 15-04-2021

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

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(globals)

Project Classes Debug gcd_iteration.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 { int r;
7 while(n!=0){
8 r=m%n;
9 m=n;
10 n=r;
11 }
12 return m;
13 }
14 int main()
15 {
16 int m,n,res;
17 system("cls");
18 printf("enter value of m and n \n");
19 scanf(" %d%d",&m,&n);
20 res=gcd(m,n);
21 printf("gcd(%d,%d)= %d \n",m,n,res);
22 getch();
23 return 0;
24 }
```

Compiler Resources Compile Log Debug Find Results

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