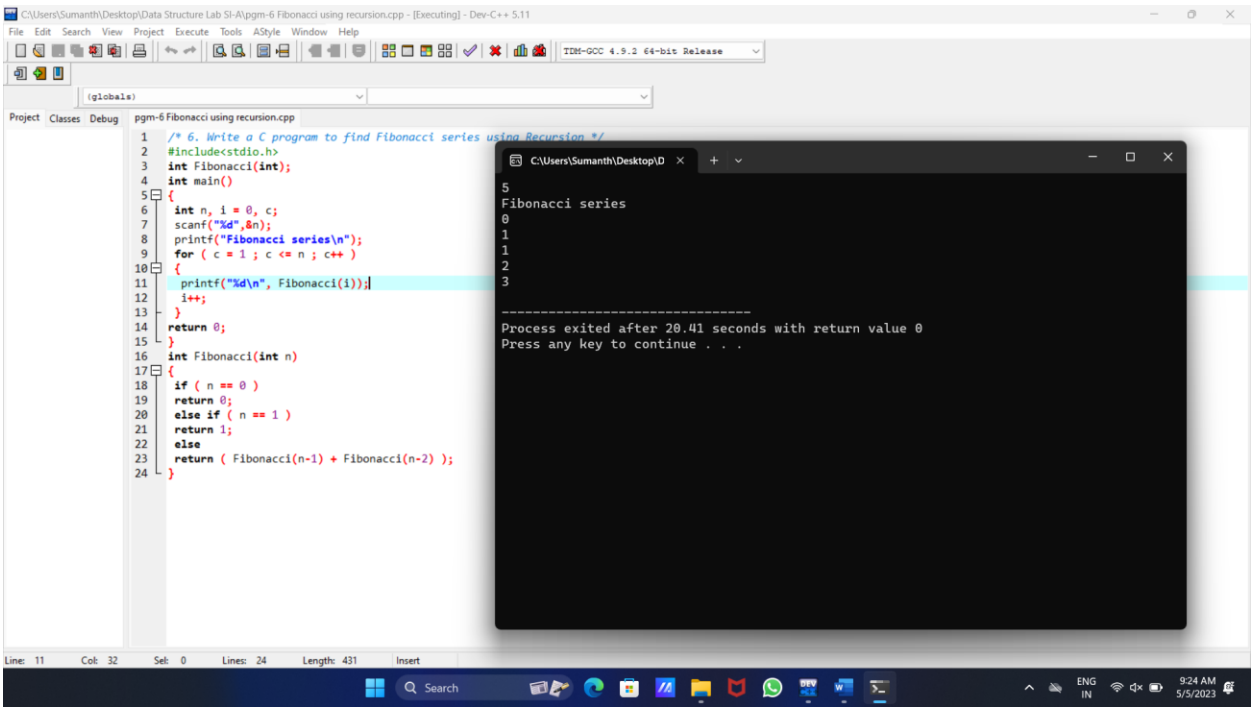
```
/* 6. Write a C program to find Fibonacci series using Recursion */
#include<stdio.h>
int Fibonacci(int);
int main() {
 int n, i = 0, c;
 scanf("%d",&n);
 printf("Fibonacci series\n");
 for ( c = 1 ; c <= n ; c++ )
 {
  printf("%d\n", Fibonacci(i));
  i++;
 }
return 0;
}
int Fibonacci(int n) {
 if ( n == 0 )
 return 0;
 else if ( n == 1 )
 return 1;
 else
 return ( Fibonacci(n-1) + Fibonacci(n-2) );
}
```


C:\Users\Sumanth\Desktop\Data Structure Lab SI-A\pgm-6 Fibonacci using 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
pgm-6 Fibonacci using recursion.cpp
/* 6. Write a C program to find Fibonacci series using Recursion */
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int main()
{
int n, i = 0, c;
scanf("%d",&n);
printf("Fibonacci series\n");
for (c = 1 ; c <= n ; c++)
{
printf("%d\n", Fibonacci(i));
i++;
}
return 0;
}
int Fibonacci(int n)
{
if (n == 0)
return 0;
else if (n == 1)
return 1;
else
return (Fibonacci(n-1) + Fibonacci(n-2));
}
C:\Users\Sumanth\Desktop\D
5
Fibonacci series
0
1
1
2
3
Process exited after 20.41 seconds with return value 0
Press any key to continue . . .
Line: 11 Col: 32 Sel: 0 Lines: 24 Length: 431 Insert
Search
ENG
IN
9:24 AM
5/5/2023