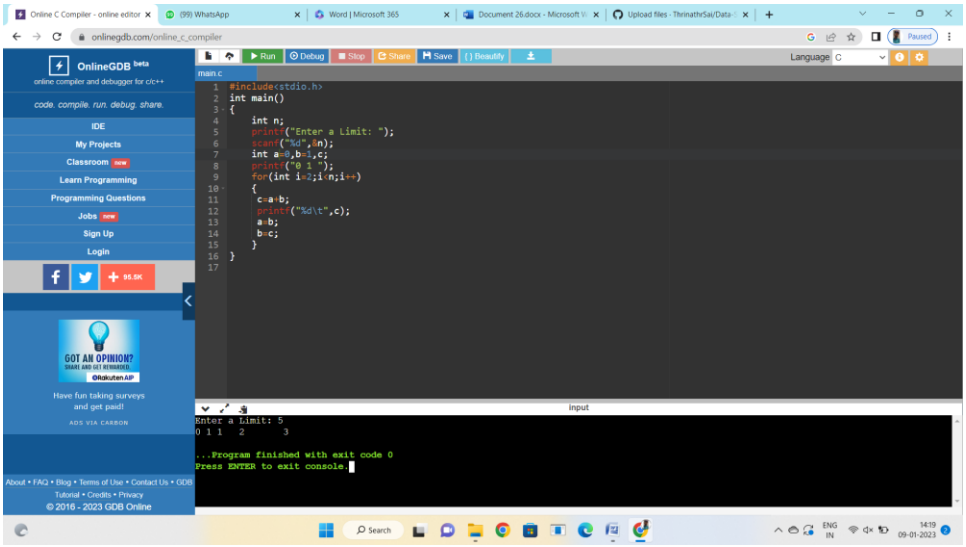
DATASTRUCTURES-0396

4. Write a C program to find Fibonacci series without using Recursion

CODING:

```
#include<stdio.h>
int main()
{
   int n;
   printf("Enter a Limit: ");
   scanf("%d",&n);
   int a=0,b=1,c;
   printf("0 1 ");
   for(int i=2;i<n;i++)
   {
    c=a+b;
    printf("%d\t",c);
    a=b;
    b=c;
   }
}
```

OUTPUT:


Online C Compiler - online editor
onlinegdb.com/online_c_compiler
OnlineGDB beta
online compiler and debugger for c/c++
code. compile. run. debug. share.
IDE
My Projects
Classroom
Learn Programming
Programming Questions
Jobs
Sign Up
Login
Run
Debug
Stop
Share
Save
{ } Beautify
Language C
main.c
#include<stdio.h>
int main()
{
int n;
printf("Enter a Limit: ");
scanf("%d",&n);
int a=0,b=1,c;
printf("0 1 ");
for(int i=2;i<n;i++)
{
c=a+b;
printf("%d\t",c);
a=b;
b=c;
}
}
Input
Enter a Limit: 5
0 1 1 2 3
...Program finished with exit code 0
Press ENTER to exit console.