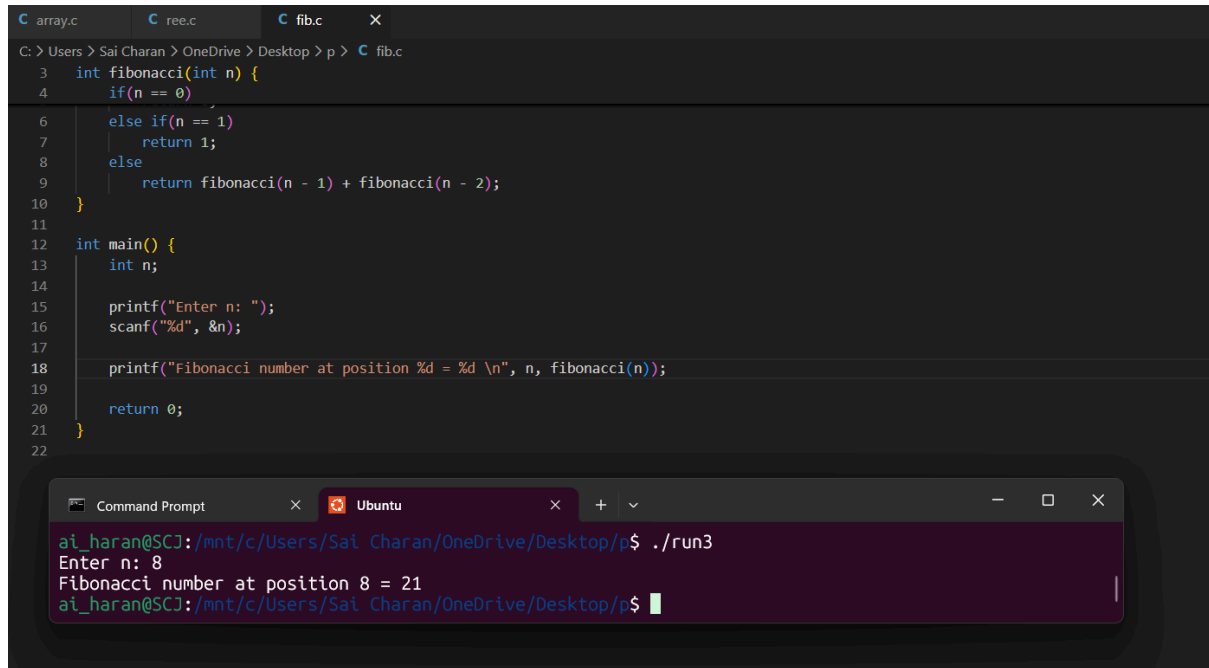


3. Write a program to find the nth Fibonacci number using recursion.

Code with output:



```
C array.c  C ree.c  C fib.c  X
C: > Users > Sai Charan > OneDrive > Desktop > p > C fib.c
3  int fibonacci(int n) {
4      if(n == 0)
5      {
6          else if(n == 1)
7              return 1;
8          else
9              return fibonacci(n - 1) + fibonacci(n - 2);
10     }
11
12     int main() {
13         int n;
14
15         printf("Enter n: ");
16         scanf("%d", &n);
17
18         printf("Fibonacci number at position %d = %d \n", n, fibonacci(n));
19
20         return 0;
21     }
22
ai_haran@SCJ:/mnt/c/Users/Sai Charan/OneDrive/Desktop/p$ ./run3
Enter n: 8
Fibonacci number at position 8 = 21
ai_haran@SCJ:/mnt/c/Users/Sai Charan/OneDrive/Desktop/p$
```