main.c

Output

Clear

```c
#include <stdio.h>

int fibonacci(int n) {
    if (n == 0)
        return 0;
    else if (n == 1)
        return 1;
    else
        return fibonacci(n - 1) + fibonacci(n - 2);
}

int main() {
    int n;

    printf("Enter n: ");
    scanf("%d", &n);

    printf("Fibonacci number at position %d = %d\n", n, fibonacci(n));

    return 0;
}
```

```
Enter n: 5
Fibonacci number at position 5 = 5


=== Code Execution Successful ===
```

Program to find the nth Fibonacci no.
using recursion.

I/P :

```c
# include <stdio.h>
int fibonacci (int n) {
    if (n == 0)
        return 0;
    else if (n == 1)
        return 1;
    else
        return fibonacci (n-1) + fibonacci (n-2);
}
int main () {
    int n;
    printf ('Enter n:");
    scanf ("%d", \n);
    printf( "Fibonacci number = %d" fibonacci (n));
    return 0;
}
```

o/p : Enter n=10
       Fibonacci number =55.