

main.c

```
1 #include <stdio.h>
2 int fibonacci(int n) {
3     if(n == 0)
4         return 0;
5     else if(n == 1)
6         return 1;
7     else
8         return fibonacci(n-1) + fibonacci(n-2);
9 }
10
11 int main() {
12     int n;
13
14     printf("Enter n: ");
15     scanf("%d", &n);
16
17     printf("Fibonacci number = %d", fibonacci(n));
18
19     return 0;
20 }
```

Output

Enter n: 10
Fibonacci number = 55

=== Code Execution Successful ===

29

2018 June

Friday

Sun	Mon	Tue	Wed	Thu	Fri	Sat
6	7	1	2	3	4	5
13	14	8	9	10	11	12
20	21	15	16	17	18	19
27	28	22	23	24	25	26
		29	30	31		

```

3) #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 2-1-d, fibonacci\n");
    return 0;
}

```

30

Saturday

Enter n: 10
Fibonacci number = 55