

6.

```
#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, i;  
    printf("Enter the number of terms: ");  
    scanf("%d", &n);  
    printf("Fibonacci Series: ");  
    for(i = 0; i < n; i++) {  
        printf("%d ", fibonacci(i));  
    }  
    return 0;  
}
```

### Output

```
Enter the number of terms: 8  
Fibonacci Series: 0 1 1 2 3 5 8 13  
  
=== Code Execution Successful ===
```