```c
#include <stdio.h>

// Function declaration
int sum(int n);

int main() {
    int n;
    printf("Enter a natural number: ");
    scanf("%d", &n);
    printf("Sum of first %d natural numbers is %d\n", n, sum(n));
    return 0;
}

// Function definition
int sum(int n) {
    if(n == 1)
        return 1;
    else
        return n + sum(n - 1);
}
```