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Applications of stack (Recursion)

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#include <stdio.h>
int fibonacciusingrecursion(int num)
    if (num <= 1)
        return num;
    else
        return fibonacciusingrecursion(num - 1) + fibonacciusingrecursion(num - 2);
int main()
    int num;
    printf("Enter the number : ");
    scanf("%d", &num);
    for (int i = 0; i <=num; i++)
        int output = fibonacciusingrecursion(i);
        printf("\n%d ", output);
    return 0;
```

OUTPUT