#include<stdio.h>

int factorial(int n) {

if(n == 0) {

return 1;

} else {

return n \* factorial(n-1);

}

}

int fibbonacci(int n) {

if(n == 0){

return 0;

} else if(n == 1) {

return 1;

} else {

return (fibbonacci(n-1) + fibbonacci(n-2));

}

}

int main() {

int n = 5;

int i;

printf("Factorial of %d: %d\n" , n , factorial(n));

printf("Fibbonacci of %d: " , n);

for(i = 0;i<n;i++) {

printf("%d ",fibbonacci(i));

}

}

Output:

Factorial of 5: 120

Fibbonacci of 5: 0 1 1 2 3

--------------------------------

Process exited after 0.007937 seconds with return value 5

Press any key to continue . .