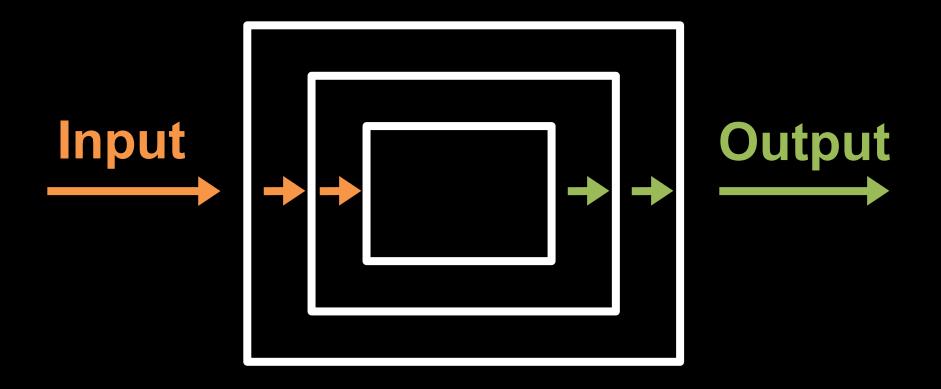
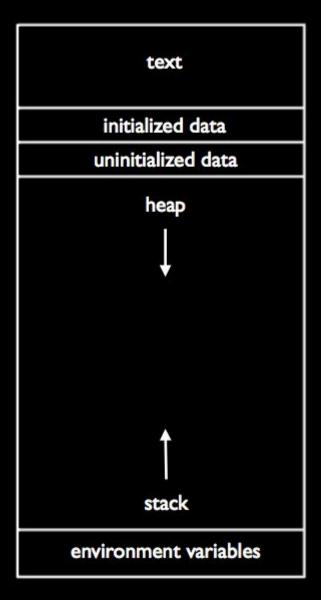
Recursion



Recursion w/out a Base Case

```
void foo(string str)
{
    printf("%s\n", str);
    foo(str);
}
```



Factorial

$$n! = n * (n - 1) * (n - 2) * ... * 1$$

```
unsigned int factorial(unsigned int n)
   if (n <= 1)
        return 1;
    else
        return n * factorial(n - 1);
```

