

var == x, y ==> x + y;

var = > x * 5;

`var == x == y == x + y;`



```
var == (f, g) ==> x ==> ((x));
```

```
var ( = (, (10));
```



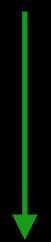


$add(x, y) \rightarrow add(x)(y)$

柯里化(Currying)

- 限制函数只有一个参数
- 柯里化函数
 - 一次只获取一个参数的函数
- 柯里化
 - 将一个多参数函数变成一连串单参数函数的变换
 - 调用者可以决定对多个参数实施变换，余下的部分将衍生为一个参数数目较少的新函数

```
var add = (x, y) => x + y;
```



```
var add = x => y => x + y;
```

```
var mult5 = x => x * 5;
```



add(x, y) -> add(x)(y)



```
var compose = (f, g) => x => f(g(x));
```

```
var mult5AfterAdd10 = compose(mult5, add(10));
```

部分施用(Partial application)