

We'll use the following functions throughout this lesson:

## int\_to\_string(x)

Convert a number into its string equivalent.

```
int_to_string(4)
```

```
## [1] "four"
```

## gt(a, b)

Returns TRUE if a is greater than b , otherwise returns FALSE .

```
gt(3, 1)
```

```
## [1] TRUE
```

```
gt(2, 5)
```

```
## [1] FALSE
```

## is\_even(x)

Returns TRUE if x is even, otherwise returns FALSE .

```
is_even(34)
```

```
## [1] TRUE
```

```
is_even(55)
```

```
## [1] FALSE
```

## square(x)

Computes the square of x .

```
square(4)
```

```
## [1] 16
```

## add\_talk(x, y)

Adds `x` and `y` and produces a message about which numbers are being added.

```
add_talk(5, 3)
```

```
## x is 5
```

```
## y is 3
```

```
## [1] 8
```

## paste\_talk(x, y)

Concatenates the strings `x` and `y` and produces a message about which strings are being concatenated.

```
paste_talk("red", "head")
```

```
## x is red
```

```
## y is head
```

```
## [1] "redhead"
```