

lexical = where is it found in the code?

local storage > a function looks through these two  
lexical parent > to find a variable that isn't present  
environment in its code block

R

# Currying

- the advanced technique of transforming a function

$$f(a, b, c) \xrightarrow{^0} f(a)(b)(c)$$

- ```
- function sum(a, b, c){  
    return a + b + c  
};
```

```
function sumC(a) {
```

```
return (b) => {
```

```
return(c) => {
```

```
return sum(a,b,c);
```

1

a lot of  
return statements!

sum(1, 2, 3); what happens if we do sum(1);

What is the benefit of currying?

# R Web APIs : Drawing graphics

to create a 2D / 3D scene on a web page :

- 1) start w/ HTML <canvas> element
  - 2) all fallback content
  - 3) make local ~~image~~ copy of canvas
    - add 3 files → index.html  
→ script.js  
→ style.css
  - + get canvas context
  - 5) make canvas background black

you can make strokes  
rectangles  
paths  
lines  
etc.