

Today

JavaScript

```
function foo(bar, baz)
{
    ...
}
```

```
function(bar, baz)
{
    ...
}
```

```
let i = 0;
```

$i < 50$

$$x < y$$

```
do  
{  
    ...  
}  
while (true);
```

```
while (true)
{
    ...
}
```



```
for (let i = 0; i < 50; i++)  
{  
    ...  
}
```

```
for (let value of array)
{
    ...
}
```

```
for (let key in object)
{
    ...
}
```

```
if (x < y)
{
    ...
}
else if (x > y)
{
    ...
}
else
{
    ...
}
```

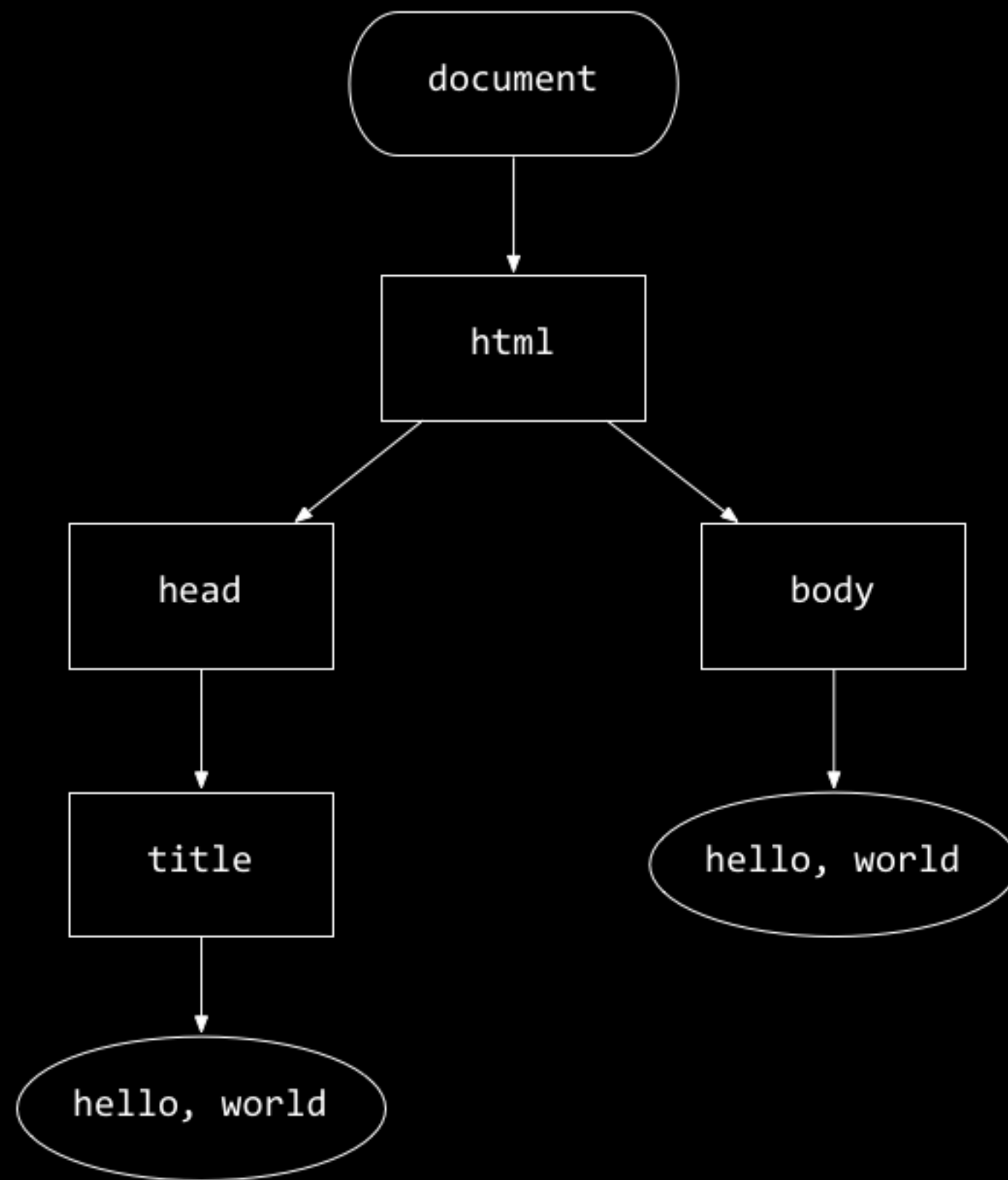
```
let numbers = [4, 8, 15, 16, 23, 42];
```

```
let quote = {  
  name: "Netflix, Inc.",  
  price: 391.43,  
  symbol: "NFLX"  
};
```

```
{  
  "name": "Netflix, Inc.",  
  "price": 391.43,  
  "symbol": "NFLX",  
}
```

```
<!DOCTYPE html>

<html>
  <head>
    <title>hello, world</title>
  </head>
  <body>
    hello, world
  </body>
</html>
```



click
mousedown
mouseup
mouseover
drag
keypress
load
unload
change
submit
focus
touchmove
...

events

callbacks

Ajax

nifty.stanford.edu/2011/parlante-image-puzzle/

- `im.getRed(x, y)`
- `im.getGreen(x, y)`
- `im.getBlue(x, y)`

- `im.setRed(x, y, amount)`
- `im.setGreen(x, y, amount)`
- `im.setBlue(x, y, amount)`

<https://developers.google.com/maps/documentation/javascript/tutorial>

- Remove Harvard/Yale markers, replace with one for your own home town.
- Change default map type to satellite imagery.
- Add an InfoWindow (a popup) with a message that opens when you click your home town's marker.

Project 3

due Tue 7/3 before class

Tomorrow

seminar on Python
seminar on JavaScript