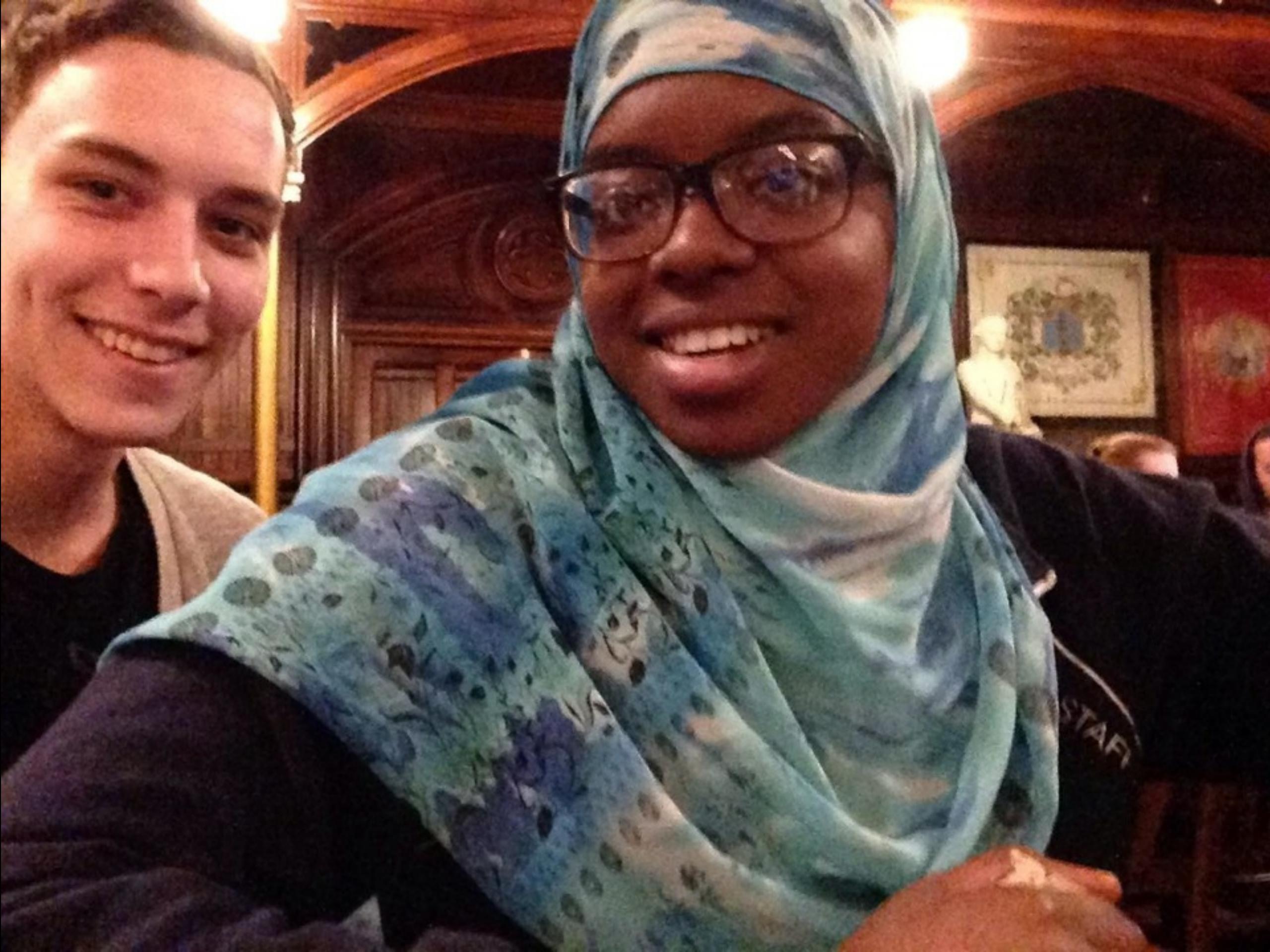


week 7, continued









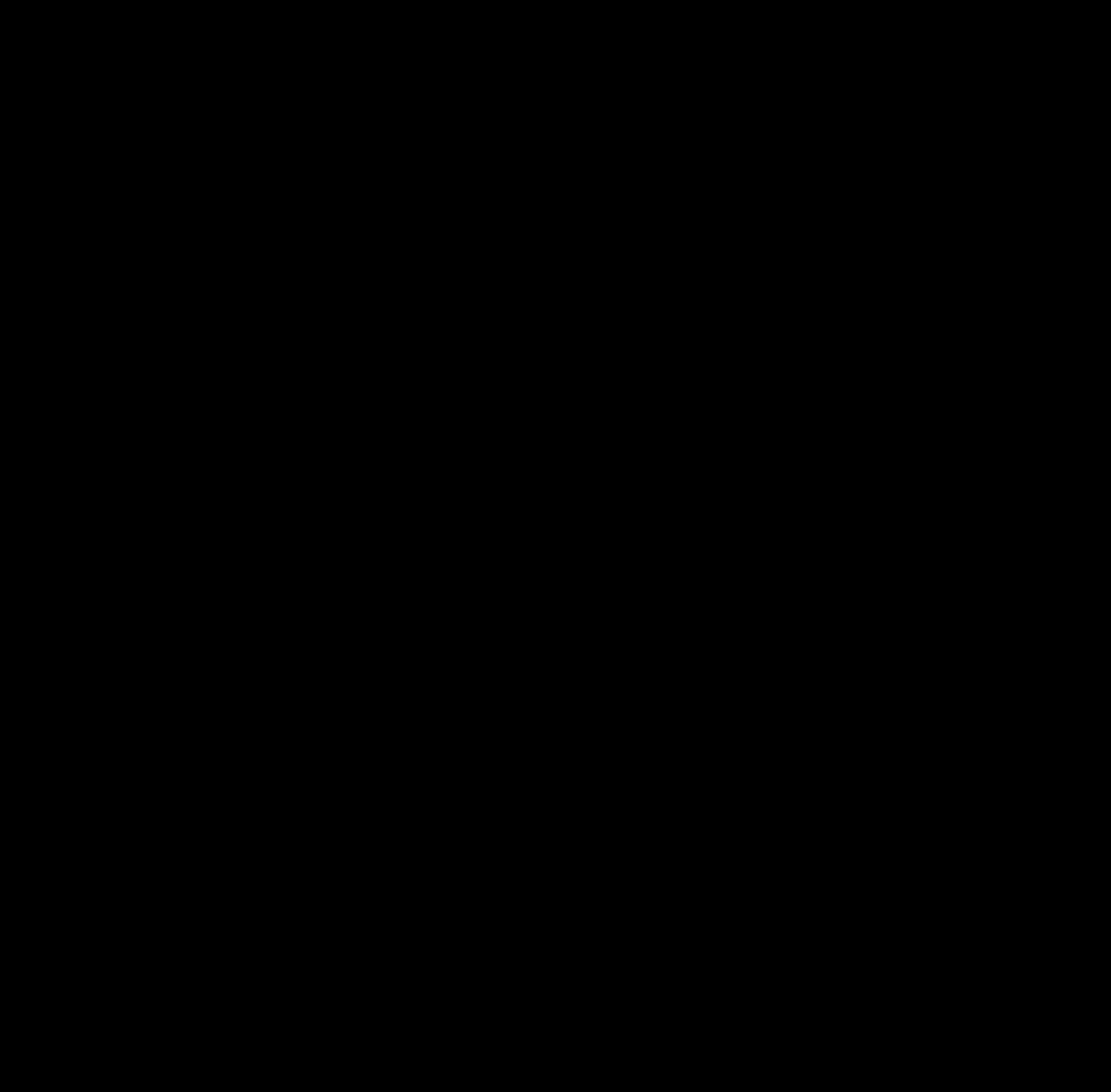














HARVARD

HARVARD
UNIVERSITY







Hello
my name is
Joanne :)

lunch this Fri 10/24, 1:15pm

cs50.harvard.edu/rsvp



pumpkin carving with Daven and Gabe
this Fri 10/24, 3pm

heads@cs50.harvard.edu

seminars

cs50.harvard.edu/register

3D Modeling and Manufacture

Amazing Web Apps with Ruby on Rails

Android 101

Breaking Through The (Google) Glass Ceiling

Build Tomorrow's Library

Cloud Computing with Amazon Web Services (AWS)

CSS:Awesome Style and Design

Data Analysis in R

Data Visualization and D3

Essential Scale-Out Computing

Exposing Digital Photography

How to Build Innovative Technologies

iOS App Development with Swift

Learning iOS: Create your own app with Objective-C!

Light Your World (with Hue Bulbs)

Meteor: a better way to build apps

Teach Your Computer to See:Augmented Reality with OpenCV

Transitioning to Agile Development from Waterfall

HTTP



GET

request

GET / HTTP/1.1
Host: www.google.com

...

response

HTTP/1.1 200 OK
Content-Type: text/html

...

HTML

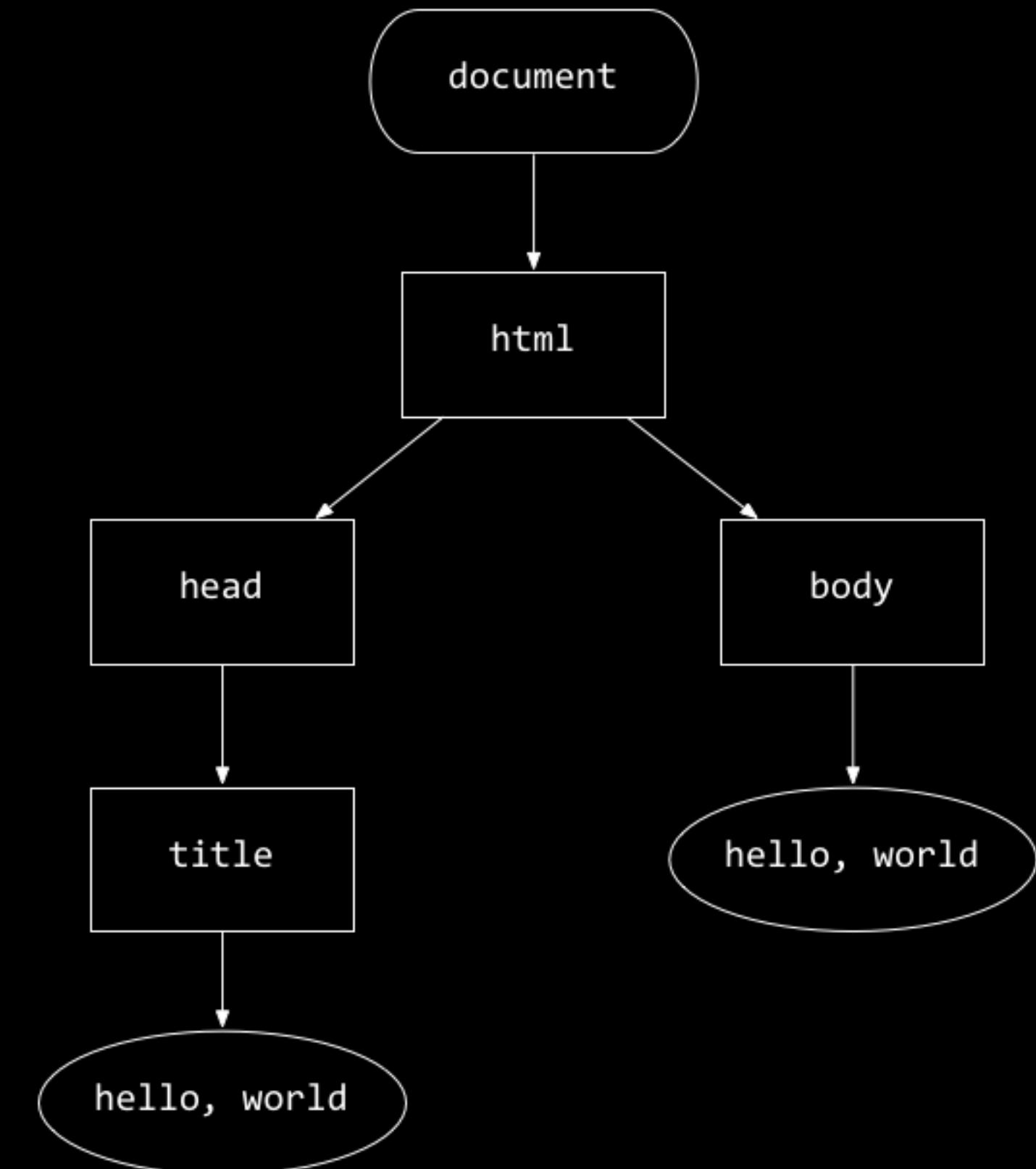


```
<!DOCTYPE html>

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

```
<!DOCTYPE html>

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





query strings

```
GET /search?q=cats HTTP/1.1  
Host: www.google.com
```

...



CSS3
STYLING



The PHP logo consists of the letters "php" in a bold, black, sans-serif font. The letters are outlined in white and filled with a light blue color. The logo is set against a large, light blue oval that has a dark blue border. The oval is tilted slightly to the right.

php

functions

main

variables

```
$s = "hello, world";
```

conditions

```
if (condition)
{
    // do this
}
else if (condition)
{
    // do that
}
else
{
    // do this other thing
}
```

Boolean expressions

```
if (condition || condition)
{
    // do this
}
```

Boolean expressions

```
if (condition && condition)
{
    // do this
}
```

switches

```
switch (expression)
{
    case i:
        // do this
        break;

    case j:
        // do that
        break;

    default:
        // do this other thing
        break;
}
```

loops

```
for (initializations; condition; updates)
{
    // do this again and again
}
```

loops

```
while (condition)
{
    // do this again and again
}
```

loops

```
do
{
    // do this again and again
}
while (condition);
```

loops

```
foreach ($numbers as $number)
{
    // do this with $number
}
```

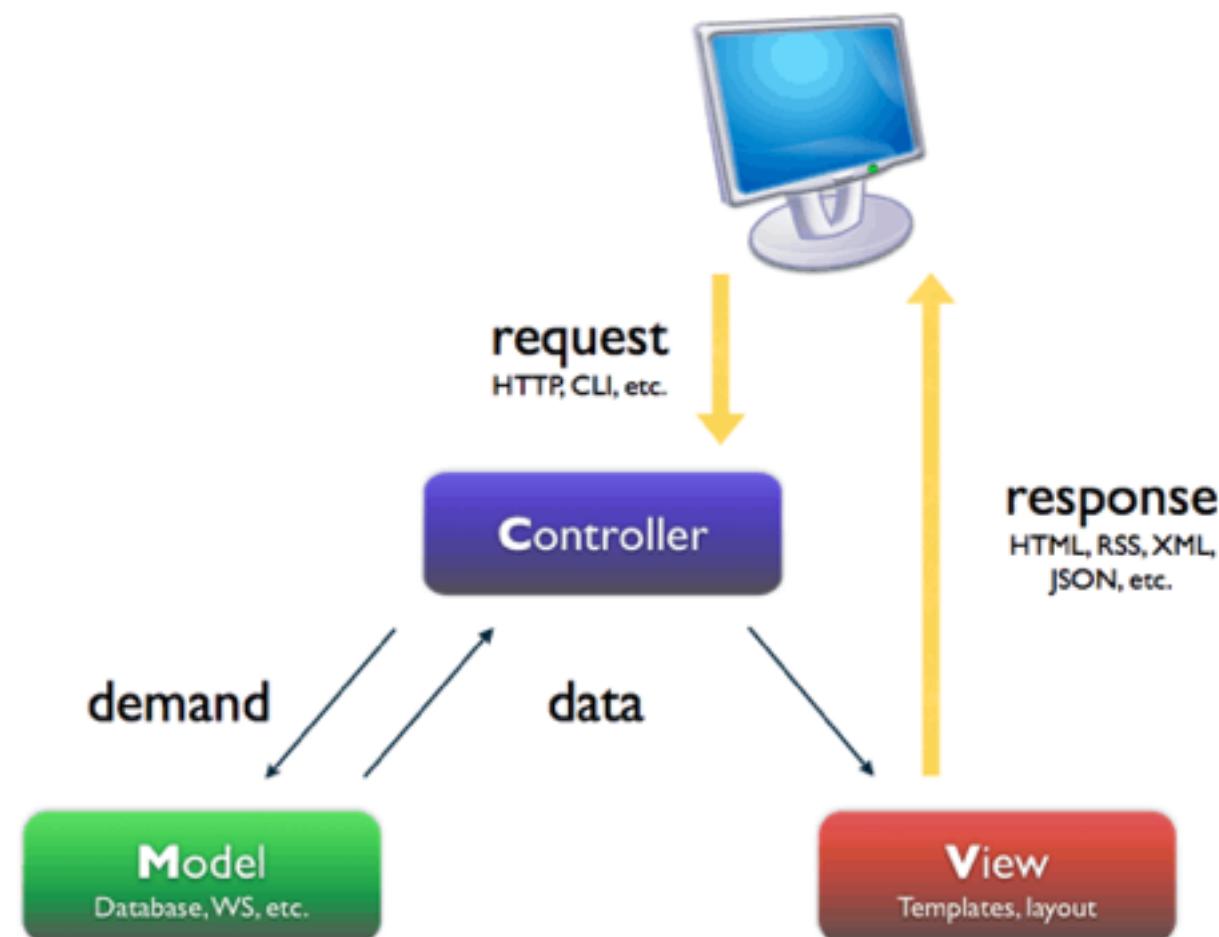
arrays

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

associative arrays

```
$quote = ["symbol" => "FB", "price" => "79.53"];
```

MVC



to be continued...