

Introduction to Web Programming

CSCI P-14300

Lecture 3

JavaScript



Frosh IMs

Intramural Sports
for the class of 2007

Calendar
Champions
FAQ's
Guide to Frosh IMs
Headlines
How to get involved
Photos

Point tallies
Records
Register
Registrants
Rules
Schedules and results
Whom to contact

Headlines

Past headlines

For headlines posted prior to the past seven days, click [here](#).

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functions

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

loops

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

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



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

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

variables

```
var i = 0;
```

Boolean expressions

$i < 50$

$$x < y$$

conditions


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

arrays

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

objects

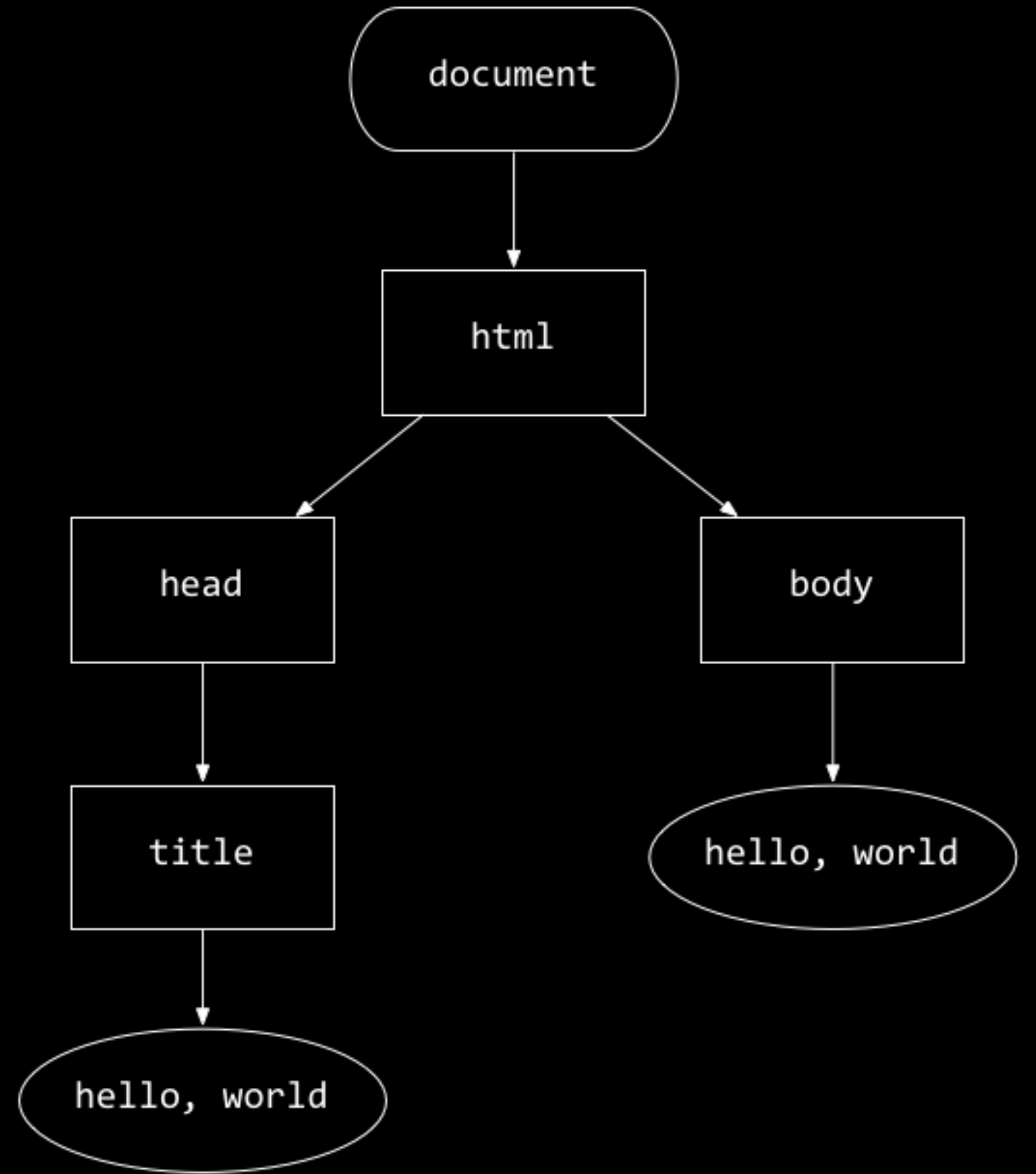
```
var quote = {  
  name: 'Netflix, Inc.',  
  price: 123.30,  
  symbol: 'NFLX'  
};
```

JSON

```
{  
  "name": "Netflix, Inc.",  
  "price": 123.30,  
  "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
...

anonymous functions

callbacks

Ajax

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

Project 3

due Wed 7/5 before class

- seminar by Sean on Bootstrap
- seminar by Brian on D3
- project, code reviews