

CS50 for MBAs

cs50.harvard.edu/mba

<http://www.independent.co.uk/life-style/gadgets-and-tech/news/man-accidentally-deletes-his-entire-company-with-one-line-of-bad-code-a6984256.html>

Seminars

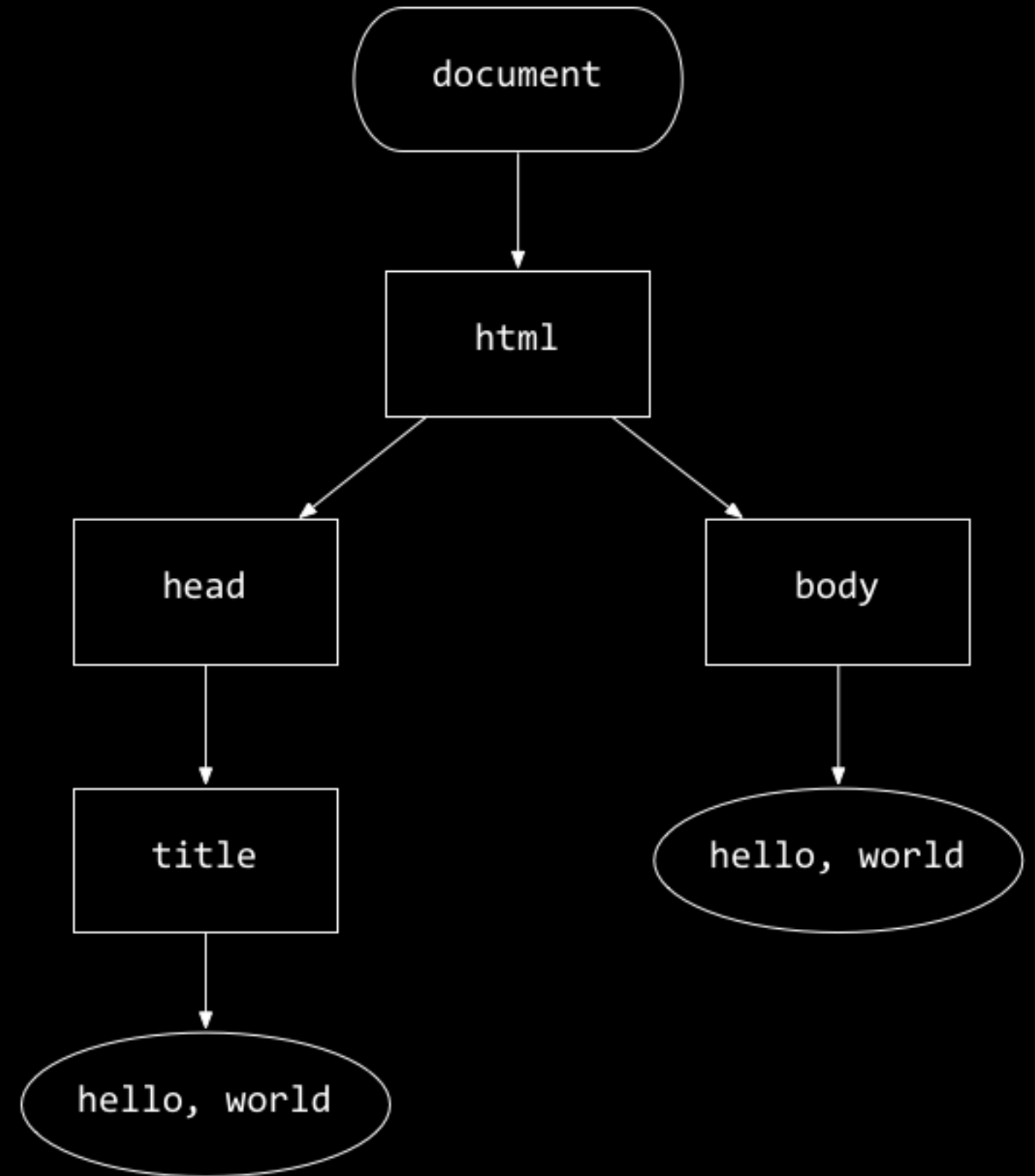
- Android App Development on Thu 4/19
- Git and Version Control on Wed 4/20
- SQL 101 on Wed 4/20
- JavaScript on Wed 4/20
- Introduction to APIs on Mon 4/25
- Programming with Ruby on Tue 4/26

Web Programming

- JavaScript
- APIs, libraries

```
<!DOCTYPE html>

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



functions

A Scratch 'say' block, which is a purple block with a notch on the left side. It contains the text 'hello, world' in a white font.

say hello, world

functions



```
window.alert("hello, world");
```

loops



loops



```
while (true)
{
    window.alert("hello, world");
}
```

loops



loops



```
for (int i = 0; i < 10; i++)  
{  
    window.alert("hello, world");  
}
```

variables



variables



```
var counter = 0;
while (true)
{
    window.alert(counter);
    counter++;
}
```

Boolean expressions

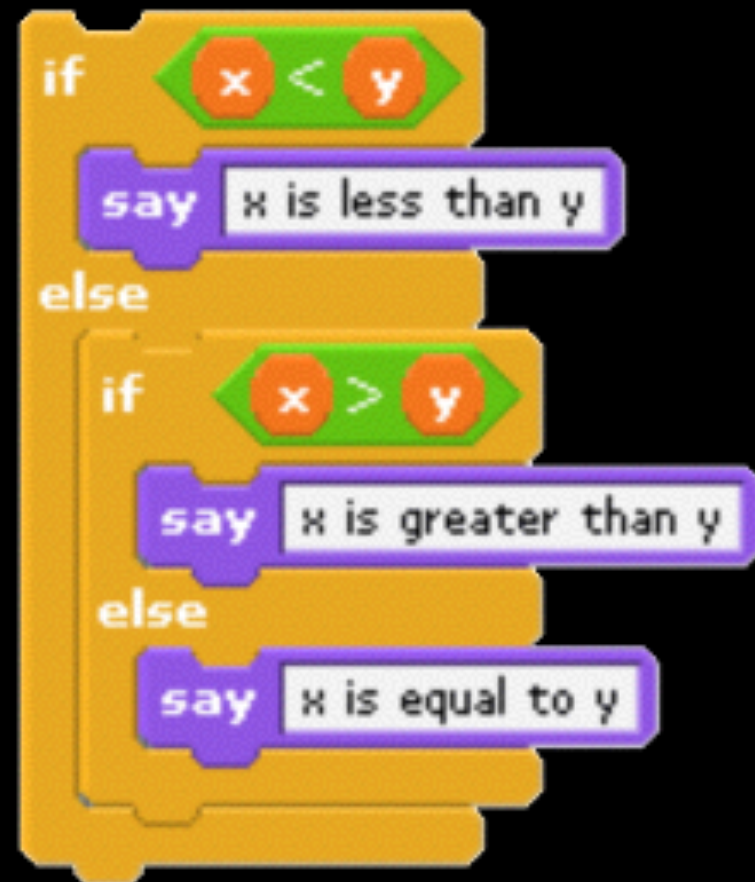


Boolean expressions

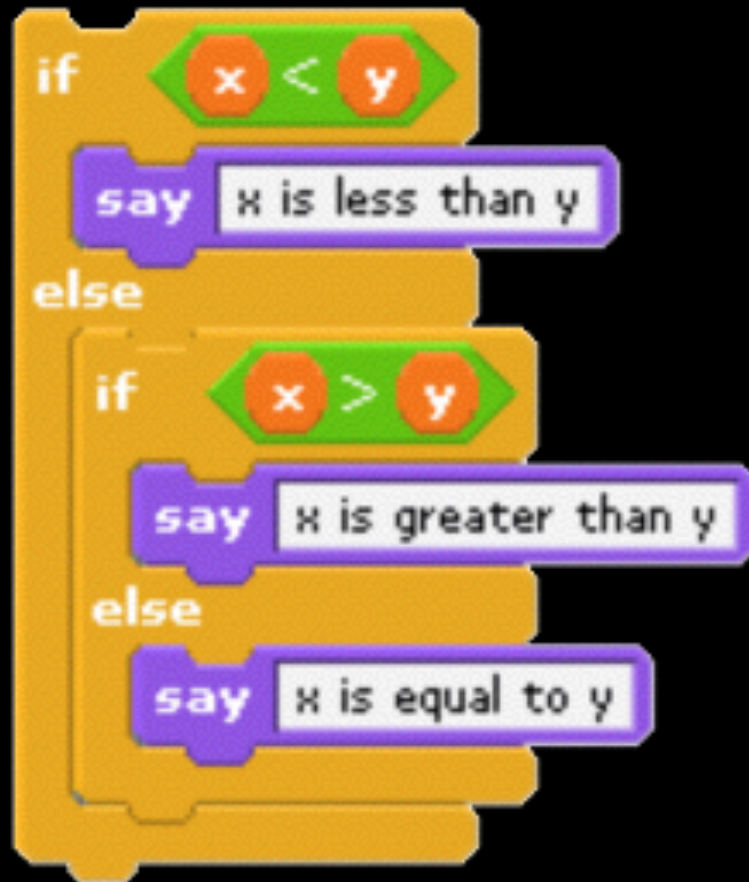


$(x < y)$
 $((x < y) \ \&\& \ (y < z))$

conditions



conditions



```
if (x < y)
{
    window.alert("x is less than y");
}
else if (x > y)
{
    window.alert("x is greater than y");
}
else
{
    window.alert("x is equal to y");
}
```

<http://nifty.stanford.edu/2011/parlante-image-puzzle/>

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

AlzaSyAmk7cP6WPIqLXgIP4mIQKg7RTDVxhKm50

<http://bit.ly/mba-key>

Technology Stacks

- frameworks, interfaces, languages

Mobile

- hybrid apps, native apps, web apps

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