

# CSCI P-14300

Davey Proctor

php

1. review

2. practice, learn real  
world techniques

php: lightning review

# 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"];`

```
#!/usr/bin/env php
```

.php

php for web programming

```
apache50 start /path/to/dir
```

passing information **between** files or  
from users **into** webpages

# superglobals

`$_COOKIE`

`$_GET`

`$_POST`

`$_SERVER`

`$_SESSION`

`...`



`$_GET`

information passed via URL

`$_POST`

passes data in the HTTP message body

let's put it in practice.

command-line scripting

api usage

reading from .csv

writing to .pdf

and, if time...



writing to .csv

managing data from web form

let's get to it.

wget

[http://cdn.cs50.net/2016/summer/seminars/  
php/php.zip](http://cdn.cs50.net/2016/summer/seminars/php/php.zip)

thanks!