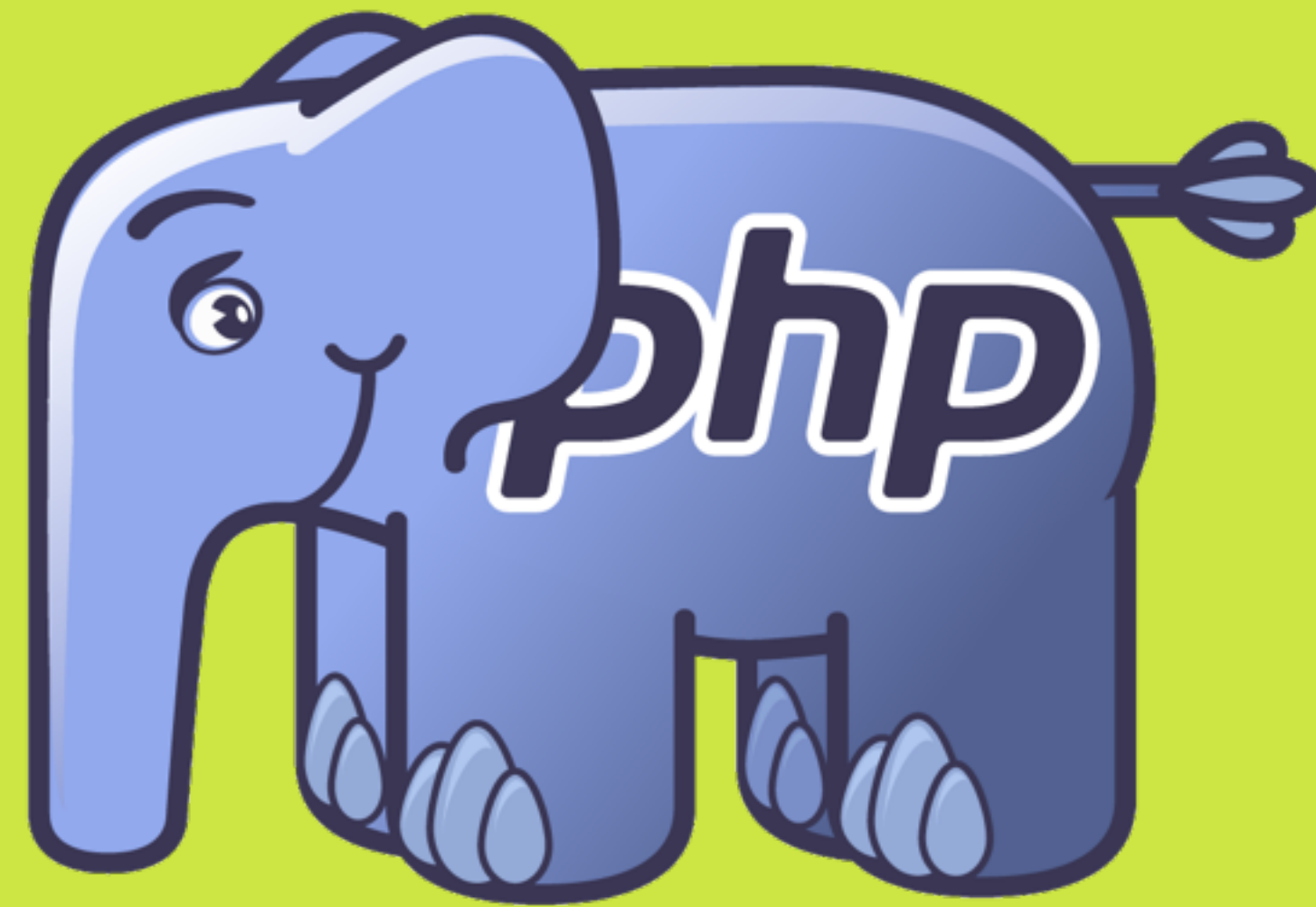


An aerial photograph of a city construction site. In the foreground, a multi-lane highway runs diagonally from the bottom left towards the center. To the left of the highway is a large parking lot filled with cars. In the bottom left corner, there is a building with a sign that reads "It's 'TOPS' with 27 Million Families" and "GAS HEAT". To the right of the highway, a large construction site is visible, featuring two tall cranes and a large, rectangular building under construction. The background shows a dense urban area with various buildings, including a large industrial building with a sign that reads "Stalder Steel Corp." and a tall, cylindrical structure on the right side. The overall scene depicts a major urban development project in progress.

Fundamentals 2

VERSION .02



PHP SHELL



PHP SHELL

MULTI-LINE CONDITIONALS AREN'T PARSED CORRECTLY



FOLLOW ALONG

PHP documentation is excellent.

IN YOUR BROWSER TYPE php.net/

Look up switch statement: <http://php.net/switch>



SUBLINE TEXT

FOLLOW ALONG

install command line tool

```
ln -s "/Applications/Sublime Text 2.app/Contents/SharedSupport/bin/subl" ~/bin/subl
```

FOLLOW ALONG

CREATE NEW DIRECTORY FOR OUR PROJECT

```
mkdir -p Coding100/03
```

CHANGE INTO THE DIRECTORY

```
cd Coding100
```

FOLLOW ALONG

OPEN DIRECTORY in sublime text

```
subl .
```


conditionals II



TERMINOLOGY

elseif

Extends if statement to execute different statement if original if expression is false

FOLLOW ALONG

Let's output something depending on the value of a variable

```
1  <?php
2  _
3  $color = 'blue';
4
5  if($color == 'red') {
6      echo 'How do you like your pasta?';
7  }
8  elseif ($color == 'blue') {
9      echo 'Miles Davis Kind of Blue';
10 }
11
12
13 ?>
```

FOLLOW ALONG

save this file, name it:

```
elseif.php
```

execute the code in the terminal

```
php elseif.php
```


TERMINOLOGY

Switch

Apply condition to evaluated statement



FOLLOW ALONG

Let's output
something
depending on
the value of a
variable

```
1  <?php
2
3  $color = 'blue';
4
5  switch ($color) {
6      case 'blue':
7          echo 'Miles Davis is Kind of Blue';
8          break;
9
10     default:
11         echo "I don't know my colors!";
12         break;
13     }
14
15  ?>
```



FOLLOW ALONG

save this file, name it:

```
switch.php
```

execute the code in the terminal

```
php switch.php
```

LOOPS



TERMINOLOGY

While

Executes nested statement REPEATEDLY as long as while expression evaluates to TRUE



FOLLOW ALONG

Let's count
some
numbers

```
1  <?php
2  $i = 1;
3
4  while($i<=10) {
5      echo $i;
6      $i++;
7  }
8
9  ?>
```


FOLLOW ALONG

save this file, name it:

```
while.php
```

execute the code in the terminal

```
php while.php
```

TERMINOLOGY

for

Evaluates 3 expressions to repeatedly execute nested expression



FOLLOW ALONG

Let's count
some
numbers

```
1  <?php
2
3  for($i=1; $i<=10; $i++) {
4      echo $i;
5  }
6
7  ?>
```


FOLLOW ALONG

save this file, name it:

```
for.php
```

execute the code in the terminal

```
php for.php
```

TERMINOLOGY

```
for($i=1; $i<=10; $i++) {
```

evaluated only
once

evaluated at
beginning of
each iteration

evaluated at
end of each
iteration





Questions?

Need help? [post an issue @github](#)