



**TRY
PHP**

Level 1

Getting Started

Strings & Data



Our Code So Far

index.php

PHP

```
<?php $name = 'Hoba'; ?>
<!DOCTYPE html>
<html>
  <head>
    <title><?php echo $name; ?></title>
  </head>
  <body>
    <p>
      <?php echo $name; ?>
    </p>
  </body>
</html>
```


Combining More Data With Variables

index.php

PHP

```
<?php $name = 'Hoba'; ?>
<!DOCTYPE html>
<html>
  <head>
    <title><?php echo $name; ?></title>
  </head>
  <body>
    <p>
      <?php echo 'Meteor Name: ' . $name; ?>
    </p>
  </body>
</html>
```

Output

Meteor Name: Hoba

Notice the space?

The dot means "combine these two things"

String Evaluation

index.php

PHP

```
<?php $name = 'Hoba'; ?>
<!DOCTYPE html>
<html>
  <head>
    <title><?php echo $name; ?></title>
  </head>
  <body>
    <p>
      <?php echo "Meteor Name: $name"; ?>
    </p>
  </body>
</html>
```

*Variables will print inside strings
as long as you wrap them in
double quotes*

Output

Meteor Name: Hoba

PHP Data Types: Strings

To define a string, we will surround our information in single quotes during assignment.

```
<?php  
  
$size = 'epic';  
$weight = '600 Million Grams';
```


PHP Data Types: Integers

An integer is a number, either positive or negative, without a decimal point.

```
<?php  
  
$discovered = 1920;  
$speed = 720;
```


PHP Data Types: Floats

Floating point numbers will be any number that decimal point can “float.”

```
<?php  
  
$width = 8.9;  
$latitude = -19.583333333333;
```


PHP Data Types: Booleans

Boolean is a data type that can contain one of two values: a true or a false.

```
<?php  
  
$largest = true;  
$destroyed = false;
```


PHP Data Types: The Results

...

```
<body>
<?php
echo "<p>$size</p>";
echo "<p>$weight</p>";
echo "<p>$discovered</p>";
echo "<p>$speed</p>";
echo "<p>$width</p>";
echo "<p>$latitude</p>";
echo "<p>$largest</p>";
echo "<p>$destroyed</p>";
?>
</body>
```

Output

epic
600 Million Grams
1920
720
8.9
-19.583333333333
1

If you echo a false boolean, nothing will appear

What Have We Learned?

Let's have a quick review.

- String concatenation
- Strings
- Integers
- Floating point numbers or floats
- Booleans





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PHP**