PHP web Programming

9-2 exercise

Write code that works with numbers

Jamie Gavina

1. There are many PHP math functions here are four

* Round() rounds a floating-point number
* Sin() returns the sine of a number
* Sinh() returns the hyperbolic sine of a number
* Sqrt() returns the square root of a number

1. The my\_rand() function is a drop- in replacement for the older rand(). It uses random number generator with known characteristics using the >> Mersenne twister, which will produce random numbers four times faster than the average libc rand() provides. In other words, the function generates a random integer using an algorithm called Mersenne twister.
2. Type casting is the process in which the compiler automatically converts one data type in a program to another one. Type conversion is another name for type casting.
3. <?php

$number = 10;

$str = “orange”;

$txt = sprint(“There are %u million cars in %s.” ,$number,$str);

Echo $txt;

?>

Exercise URL

<http://jgavina.sb.cis/1750/assign/ch09_ex2/>