// make sure the user enters three numbers

if (empty($number1) || empty($number2) || empty($number3)) {

$message="Please enter three numbers.";

break;

}

// make sure the numbers are valid

$r = (int) $number1;

if ($r==0) {

$message = "Characters other than numbers are not allowed. Please enter numbers.";

break;

}

// get the ceiling and floor for $number2

$number2\_ceil= (int) $number2 +1; //can also be sprintf('%d',$number2) +1;

$number2\_floor=(int) $number2;

// round $number3 to 3 decimal places

$number3\_rounded = round($number3,3);

// get the max and min values of all three numbers

$max= max($number1, $number2, $number3);

$min= min($number1, $number2, $number3);

// generate a random integer between 1 and 100

$random=mt\_rand(1,100);

