Part 1: Warm Up

1. Question: 1. What the result for $foo?

$foo =10 +’20’;

Jawab : hasil sari $foo adalah 30

1. Question: 2. Looping 1-100. Numbers that can only be divided by 3 are changed to Fizz, those that can only be divided by 5 are changed to Buzz, those that can be divided by 3 and 5 are changed to FizzBuzz.

Jawab :

<?php

for ($i = 1; $i <= 100; $i++) {

if ($i % 3 == 0 && $i % 5 == 0) {

echo 'FizzBuzz <br>';

} else if ($i % 3 == 0) {

echo 'Fizz <br>';

} else if ($i % 5 == 0) {

echo 'Buzz <br>';

}

}

?>

1. Question: 3. Make a triangular, inverted triangle, and diamond pattern with character loops \* (star)

<?php

echo "Segitiga <br> <br>";

$star = 5;

for ($a = $star; $a > 0; $a--) {

for ($i = 1; $i <= $a; $i++) {

echo "&nbsp";

}

for ($a1 = $star; $a1 >= $a; $a1--) {

echo "\*";

}

echo "<br>";

}

echo " <br>Segitiga Terbalik <br> <br>";

for ($a = 1; $a <= $star; $a++) {

for ($b = 1; $b <= $a; $b++) {

echo "&nbsp";

}

for ($c = $star; $c >= $a; $c -= 1) {

echo "\*";

}

echo "<br>";

}

echo " <br>Berlian/Diamond <br> <br>";

for ($a = 1; $a <= $star; $a++) {

for ($b = $star; $b >= $a; $b -= 1) {

echo "&nbsp";

}

for ($c = 1; $c <= $a; $c++) {

echo "\*";

}

echo "<br>";

}

for ($a = 1; $a <= $star; $a++) {

for ($b = 1; $b <= $a; $b++) {

echo "&nbsp";

}

for ($c = $star; $c >= $a; $c -= 1) {

echo "\*";

}

echo "<br>";

}