4. Yes the array\_rand() can be used with replacement or with out replacement.

If the replacement is used with array\_rand() function the random values of the array are replaced. We get different outputs (with the same code) when executed more than once.

We cannot predict the output as the values are chosen randomly for replacement.

Eg:

**CODE:**

<?php

$text = "Welcome to [city]. I want [city] to be a random version each time. [city] should not be the same [city] each time.";

$pattern = "/\[city\]/";

$values = array("Orlando", "Dallas", "Atlanta", "Detroit", "Tampa", "Miami");

while(preg\_match($pattern, $text)) {

$text = preg\_replace($pattern, $values[array\_rand($values)], $text, 1);

}

echo $text;

?>

**OUTPUT:**

Welcome to Orlando. I want Atlanta to be a random version each time. Orlando should not be the same Atlanta each time.

Welcome to Tampa. I want Detroit to be a random version each time. Dallas should not be the same Tampa each time.

Welcome to Dallas. I want Dallas to be a random version each time. Atlanta should not be the same Orlando each time.