• What will be the values of $a and $b after the code below is executed? Explain your answer. $a = '1'; $b = &$a;

$b = "2$b";

Ans . $a is a variable and 1 is a string value . $b is a reference of $a so if we change the value of $b that means $a value will be changed because both have the same value

$b ="2$b"; answer is 21.

. How can you tell if a number is even or odd without using any Condition or loop?

Ans. You can tell if a number is even or odd without using any condition or loop by using mathematical operation . we use module operator % which give a reminder when 1 number is divisible by another number

The value assigned to the variable is 8.

$number = 8;

$a = 1 - $number % 2;

Echo “the number is “ .($a ? “even” : “odd”);

calculates the remainder when $number is divided by 2. If the remainder is 0, the number is even, and $a becomes 1. If the remainder is 1, the number is odd, and $a becomes 0. The ternary operator is then used to output whether the number is even or odd without using explicit conditions or loops.

. How can you declare the array (all type) in PHP? Explain with example Covert a JSON string to array.

Ans. PHP array contains value on the basis of key . It is used to hold multiple values of similar type in a single variable.

. Get random values from array

If you want to get random values from an array in PHP, you can use the array\_rand function to generate random keys and then retrieve the corresponding values.