Server-side technologies (TCS): Mid-term

Q1: What is PHP?

Ans: PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

Q2: PHP is a frontend technology? (True/False)

Ans: false

Q3: Mention 5 special characters in PHP?

Ans: Here is five special characters in PHP:-

\n : linefeed (LF or 0x0A (10) in ASCII)

\r : carriage return (CR or 0x0D (13) in ASCII)

\t horizontal tab (HT or 0x09 (9) in ASCII)

\v vertical tab (VT or 0x0B (11) in ASCII) (since PHP 5.2.5)

\e escape (ESC or 0x1B (27) in ASCII) (since PHP 5.4.0)

Q4: Write a PHP program to print "Hello World!"?

```
Ans: <?php
    echo "Hello World!";
    echo "PHP is so easy!";
?>
```

Q5: What is the use of strtolower?

Ans: The strtolower() function is used to convert a string into lowercase. This function takes a string as parameter and converts all the uppercase english alphabets present in the string to lowercase. All other numeric characters or special characters in the string remains unchanged.

Q6: What is ucfirst?

Ans: The ucfirst() function converts the first character of a string to uppercase. Related functions: ... ucwords() - converts the first character of each word in a string to uppercase. strtoupper() - converts a string to uppercase.

Q7: What is strcmp()?

Ans: In the C Programming Language, the strcmp function returns a negative, zero, or positive integer depending on whether the object pointed to by s1 is less than, equal to, or greater than the object pointed to by s2.

Q8: Difference between Global and a local variables?

Ans: Local variable is declared inside a function whereas Global variable is declared outside the function. Local variables are created when the function has started execution and is lost when the function terminates, on the other hand, Global variable is created as execution starts and is lost when the program ends.

Q9: Write a PHP program to multiply 2 numbers? Use any 2 numbers?

Ans: <?php

```
$first_number = 10;
$second_number = 20;
$sum_total = $second_number * $first_number;


print ($sum_total);


?>
```

Q10: What is an array? Give an example?

Ans: Two dimensional arrays are considered by C/C++ to be an array of (single dimensional arrays). For example, For example, they can picture a marching band arranged in equal rows or chairs set up evenly in an auditorium. In both cases, they are visualizing rows and columns. An arrangement of objects, pictures, or numbers in rows and columns is called an array.