**Part 2 - Theory Questions**

1. **Why does PHP have built-in functions?**

PHP comes with many useful functions and constructs. Some of these require specific PHP extensions and some do not. However, PHP includes some very basic and core functions in every version, such as string, number, date, time, etc. They are efficient, accurate and supported by API documents, which help developers save lots of time to write their own codes.

1. **What is a sub-string?**

Sub-string is only a part of a string. We can use PHP built-in function, strstr() for example, to get the part of a string.

1. **What functions does PHP have that use sub-strings?**

substr(): Return part of a string.

substr\_count: Count the number of a sub-string occurrence.

explode(): Split a string by string.

1. **What tasks to trim function perform in PHP?**

The trim() function in PHP strips white space from the beginning and end of a string and returns a string with white space stripped from both beginning and end.

1. **How is the strops function used in PHP programming?**

The strpos() function finds the position of the first occurrence of a sub-string in a string. The syntan is

strpos ($haystack , $needle [, $offset = 0 ] ),

Where $haystack is the target string where you want to search for. The $needle is a sub-string you are looking for from a string and the $offset is the starting position to search.

1. **Are there any differences in the way PHP functions work if you're using Windows operating system rather than the UNIX operating system?**

In most cases, there is no big difference between using PHP in Windows system and

Unix system. However, if you are dealing with file operation, you need to be careful about the file path. Whether you use relative path or absolute path maters, but PHP can recognize both forward slash and backslash.