1. Which the preference single or double quotes for PHP developers and why?

Ans/ PHP developers often prefer single quotes for strings that do not require variable interpolation or escape sequences, as they are slightly faster to process. Double quotes are usedwhen variable interpolation or certain escape sequences are needed within the string.

2. If you forget the semicolon in the end statement of PHP code, what will PHP processor display for your code, try this by writing a small program in PHP?

Ans/ If you forget the semicolon at the end of a PHP statement, the PHP processor will typically display a syntax error message. Here is an example of a small PHP program without the closing semicolon:

```
<?php
echo "Hello, World"
?>
```
 Running this code would result in an error message like:

Parse error: syntax error, unexpected end of file in /path/to/file.php on line number

The error message indicates that the PHP parser was expecting a semicolon before the end of the file.

3. Write a script to include a web page called page1 in another web page called page2 use include and require, explain the deference between them and discuss what is the useful from using the include files?

Ans/ To include a web page called page1.php in another web page called page2.php, you can use the include or require statements in PHP. Here is how you can do it:

```
// page2.php
<?php
include 'page1.php';
// or
require 'page1.php';
?>
```
 The difference between include and require lies in how they handle errors:

include will emit a warning if it fails to find the file, but the script will continue to execute.

require will emit a fatal error if it fails to find the file, and the script will stop executing.

Using include files is useful because it allows you to:

Reuse code across multiple pages, which makes maintenance easier.

Keep your code organized by separating different sections of your site into different files.

Update included content across all pages that use the include file, saving time and reducing errors.