HTML and PHP Test — Without Computer

This part has to be done without the help of a computer. Unless stated otherwise, all answers have to be written on a separate answer sheet.

When you have finished, I'll give you the second part, with computer.

Exercise 1
Computer: ✗

This exercise is about the HTML document in Listing 1.

1. In this document, there is a HEAD tag.

   (a) Can you explain where the text inside the TITLE tag will be displayed, when opening this file with a browser?

   (b) Can you give another example of tag that is usually put inside the HEAD tag, with its meaning?

2. This document is not valid. Please change it to make it valid, without removing anything (directly in the code).

3. I would like to add a link to https://www.eeb1.com/ (the text displayed with this link shall be "EEB1 homepage"), please update the code to do so (directly in the code).

```html
1  <!DOCTYPE html>
2  <HTML>
3  <HEAD>
4  <TITLE>Welcome in S7</TITLE>
5  </HEAD>
6
7  <BODY>
8  <H1>Welcome
9  <p>Home</p>
10
11
12
13
14 </BODY>
15 </HTML>
```

Listing 1: Sample HTML code

Exercise 2
Computer: ✗

The PHP script in Listing 2 contains an error. Please correct it.

```php
1  <?php
2  $var = 2;
3  echo "The value of the variable is $var."
4  ?>
```

Listing 2: Sample PHP script

Exercise 3
Computer: ✗

1. What character must necessarily be used to terminate every PHP statement?

2. Explain what the PHP command `echo` does.

3. Write a PHP statement to create a string holding the name of your favourite ice-cream flavour.

Exercise 4
Computer: ✗

What would be the output of the PHP script in Listing 3?

```php
<?php
echo "To be,";
echo "or not to be.";
?>
```

Listing 3: Sample PHP script

Exercise 5
Computer: ✗

Please write on your answer sheet what would be the appearance (approximatively) of the webpage whose code is given in Listing 4.

```html
<!DOCTYPE html>
<HTML>
<BODY>
<h1>Table:</h2>

<p>This table contains:</p>

<ul type="disc">
    <li>a</li>
    <li>b</li>
    <li>c</li>
</ul>

<table width=100% border=1 align=center>
    <tr>
        <td width=25%>a</td>
        <td width=50%>b</td>
        <td width=25%>c</td>
    </tr>
    <tr>
        <td width=25%>d</td>
        <td width=50%>e</td>
        <td width=25%>f</td>
    </tr>
</table>
</BODY>
</HTML>
```

Listing 4: Sample HTML code