1. How PHP code is placed on web pages?

   PHP code needs to be placed between opening and closing tags <?php CODE HERE?> ,that being said ,you can also use the echo command to print HTML elements such as echo" <h1> Hello World</h1>

2. In PHP arrays differ quite much from array implementations in other programming language. Explain with code examples how arrays work in PHP

   Main difference is the ability to make associative arrays and the flexibility of accessing elements on the array:

```php
<?php
$footware = array("shoes", "boots", "sandals");
$length = count($footware);

for($x = 0; $x < $length; $x++) {
    echo $footware[$x];
     echo "<br>";
}
?>
Associative array :
<?php

$footware array("shoes"=>"5", "boots"=>"10",
"sandals"=>"2");
echo "Sandals cost  " . $footware['sandals'] . " EUR.";
?>
```

3. What are cookies and how does PHP support them.
   Cookies are text files stored at the client side (browser) to store small and not sensitive information , such as layout ,color of background ,name ,emails ,etc..

```php
<?php
$cookie_name = "student";
$cookie_value = "Mohamed Taha";
setcookie($cookie_name, $cookie_value, time() + (86400 *
30), "/"); // 86400 = 1 day
?>
```

   To access the cookie value you do similar to post values

```php
<?php



        echo "Student is : " . $_COOKIE[ "student"];
}
?>
```

4. What means session tracking, and how is it done with PHP?

Web servers are stateless by nature , so session tracking is a server technology which provides certain capacity of tracking client's request , however it is different because a session file is stored at the server not the client ,and it is used to track things like last request ,idle time ,etc....
Before you start creating sessions you need to first start session , because when you reach certain time allowed or go to for example a logout page then you can destroy that session file

```php
<?php
// Start the session
session_start();
?>
```

```php
<?php
// Set session variables
$_SESSION["loggin"] = "yes";
 echo "Session variables are set.";

?>
To destroy the session :

<?php
// remove all session variables
session_unset();

// destroy the session
session_destroy();
?>
```

5. Make simple form, with which a user can order products form your web shop. Then write PHP-code with receives the order, and replys to the user number of items purchased and total price of ordered products.

See attached web pages orders and process