SCE-216 Web Programming 2

Lecturer: Asst. Prof. Dr. Maryam Eskandari

Duration: 60 minutes

Name, Surname   .   .   .   .

Student ID #   .   .   .   .

Grading:

Q1.	/
Q2.	/
Q3.	/
Q4.	/
Q5.	/
Q6.	/
Total	

Please, check your exam sheet and make sure that it contains **6 questions** .In case of **any missing pages, inform the invigilator** IMMEDIATELY !

1) How can the index.php script access the email form element of the following HTML form?

```
<form action="index.php" method="post">

        <input type="text" name="email"/>

</form>
```

Answer:

$_POST['email']

2) What is the purpose of using sessions in websites? In order to remove all global session variable, which PHP expression should be used?

A session is a way to store information (in variables) to be used across multiple pages.

session_unset() is used to remove all global variables

3) How to write PHP code to create connection to a MySQL database named 'lettergrade'?

```php
<?php

$servername = 'localhost';

$username = 'root';

$password ='';

$database='lettergrade';

// Create connection
$conn = mysqli_connect($servername, $username, $password,$database)
or die("not connect");

echo "Connected successfully";
?>
```

4) Write one SQL statement to create a simple table employee including ID, NAME and SALARY, where the length of ID is 10 o, NAME is .

```
CREATE TABLE employees(

ID int (10),

NAME varchar(40),

SALARY float(10)

);
```

5) Write complete PHP code to delete all students with grades less than the value that user enter the textbox, from table 'student' of 'mydatabase' database using a textbox and button, show your deleted items into a textarea using method POST.

```
<html>
<body>
<form method="POST" >
<br><br>
<input type="text" name="gradeinput" value="">
<input type="submit" name="deletebygrade" value="DeleteByGrade">
<br><br><br>

<textarea rows="10" cols="60" >
<?php

if(isset($_POST["deletebygrade"])&& isset($_POST["gradeinput"]))
{
    $gradeinput=$_POST['gradeinput'];
    $conn = mysqli_connect('localhost', 'root', '','mydatabase') or die("not connect");
     $query= mysqli_query($conn,"DELETE FROM student WHERE Grade<$gradeinput");
    if ($query)
        echo "The Student with grade greater than ".$gradeinput." has beed deledted!" ;
  }

?>
</textarea>
</form>
</body>
</html>
```

6) Write a complete PHP code to check the sign of next cell of each array cell. If it is positive change it to the negative and vice versa using a function.

Input: (1, -2, -3, 4, 5, 6, -7)

Output: (1, 2, 3, -4, -5, -6, 7)

```php
<?php
function nextcell($arr, $n)
{
    for ($i = 0; $i < $n-1; $i++)
        $arr[$i+1]=$arr[$i+1]*-1;

}
function printArray($arr, $size)
{
    for ($i = 0; $i < $size; $i++)
        print $arr[$i]." ";
}

$arr = array(1, -2, -3, 4, 5, 6, -7);
$n = sizeof($arr);


// Function calling
nextcell($arr, $n);
printArray($arr, $n);
?>
```