

27807-BGSSUMANASINGHE

TUTORIAL 01 (HTML)

Exercise 01

Student Records

| Student ID | Student Name | Degree |
|------------|-----------------|-------------------------|
| 1002323 | Nimesh Fernando | BSc in IT |
| 1002424 | Lasadun Bandara | BSc in Computer Science |

Exercise 02

Programming languages

I. C

II. C#

III. C++

IV. JAVA

V. PYTHON

Exercise 03

Name

Index Number

0

TUTORIAL 02(HTML)

C. Tea

B. Milk

A. Coffee

5. Five

4. Four

3. Three

I. Group A

i. Germany

ii. France

iii. Spain

II. Group B

i. Brazil

ii. Argentina

iii. Portugal

III. Group C

i. Italy

ii. Netherland

iii. England

1. Cricket

A. T20

B. ODI

C. Test

2. Football

3. Rugby

4. Athletics

i. Running events

a. 100m

b. 200m

c. 400m

ii. Javelin Throw

• Car

• Van

• Bus

i. Apple

ii. Orange

iii. Grapes

iv. Banana

1. Cricket

2. Football

3. Rugby

4. Athletics

Apple

A fruit

Cabbage

A vegetable

XII. Twelve

XIII. Thirteen

XIV. Fourteen

XV. Fifteen

TUTORIAL 03(HTML)

| First Name | Last Name | Age |
|------------|------------|-----|
| Amal | Fernando | 39 |
| Sahan | Bandara | 33 |
| Kamal | Perera | 36 |
| Nimal | Rathnayake | 36 |

| | | |
|------------|--------|---------|
| America | Canada | Alaska |
| Mexico | | |
| California | Brazil | Jamaica |

| <u>Timetable</u> | | | | |
|--|-----------|------------|----------|----------|
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Maths | Geography | Literature | Maths | drama |
| | IT | | English | Dancing |
| Sinhala | Health | IT Lab | Music | Religion |
| English | | | | |
| Interval | | | | |
| Religion | Maths | Health | Tamil | IT |
| History | Drama | Library | IT Lab | Tamil |
| | | | Sinhala | |
| Maths | | Maths | Science | Art |
| For more details: www.schoolnet.com | | | | |

TUTORIAL 04-06(HTML)

Registration Form

First Name
 Last Name
 Mobile Number
 Gender ☐ Male ☐ Female
 Email
 Favourite Music ☐ POP ☐ Rock ☐ Other
 Additional Details
☐ I agree to the terms and conditions

Car Registration

Owner Name
 Email
 Phone number
 Country
 Car Model
 Manufacture Year
 Transmission ☐ Manual ☐ Auto
 Other
☐ I agree to the conditions and terms

TUTORIAL 07(JAVA SCRIPT)

Button

TUTORIAL 08(JAVA SCRIPT)

Red Blue Green

TUTORIAL 09

This page says

Enter the number: (1-7)

6

OK

Cancel

Saturday

TUTORIAL 10(JAVA SCRIPT)

Google

Google

Google Search

I'm Feeling Lucky

Google offered in: [English](#) தமிழ்

This page says

Enter the first number:

This page says

Enter the second number:

This page says

Do you want to add?

Answer = 11

TUTORIAL 11(PHP) <html>

<head>

<title>Tutorial 11 - PHP</title>

</head>

<body>

<h3> QUESTION 01</h3>

<?php

\$x = 6;

\$y = 4;

\$sum = \$x + \$y;

\$diff = \$x - \$y;

\$prod = \$x * \$y;

\$div = \$x / \$y;

echo "Sum : \$sum";

echo "
Difference : \$diff";

echo "
Product : \$prod";

echo "
Division : \$div";

?>

<h3>QUESTION 02</h3>

```
<?php
```

```
    for($i = 5; $i < 16; $i++)
    {
        echo "<br>Count : $i";
    }

```

```
?>
```


<h3>QUESTION 03</h3>

```
<?php
```

```
    $units = 120;
    $price;
    if($units > 150)
    {
        $price = $units*6.5;
    }
    else if($units > 100)
    {
        $price = $units*5.2;
    }
    else if($units > 50)
    {
        $price = $units*4;
    }
    else
    {

```

```
        $price = $units*3.5;
    }

    echo "No of Units : $units";

    echo "<br>Electricity Bill Price : $price";

?>

<br><br>
```

<h3>QUESTION 04</h3>

```
<?php

    $number = 5;

    switch($number)
    {

        case '1' : echo "Monday"; break;
        case '2' : echo "Tuesday"; break;
        case '3' : echo "Wednesday"; break;
        case '4' : echo "Thursday"; break;
        case '5' : echo "Friday"; break;
        case '6' : echo "Saturday"; break;
        case '7' : echo "Sunday"; break;
        default : echo "Invalid Number"; break;

    }

?>

<br><br>
```

<h3>QUESTION 05</h3>

```
<?php

    $fruits = array("Mango", "Orange", "Grapes");

    foreach($fruits as $x)
```

```

        {
            echo "$x &nbsp;";
        }

?>

</body>

</html>

```

TUTORIAL 12(PHP)

Registration Form

| | |
|---------------------------------------|--|
| First Name: | <input type="text"/> |
| Last Name: | <input type="text"/> |
| Username: | <input type="text"/> |
| Password: | <input type="password"/> |
| Gender: | <input type="radio"/> Male <input type="radio"/> Female |
| Academic Year: | <input type="text" value="1st Year"/> |
| Email: | <input type="text"/> |
| Phone No: | <input type="text"/> |
| <input type="button" value="Submit"/> | |

```

<html>

<head>

<title>Tutorial 12 - PHP</title>

</head>

<body>

<?php

    $firstName = $_POST["fnm"];

    $lastName = $_POST["lnm"];

    $userName = $_POST["usnm"];

```

```
$password = $_POST["pw"];  
$gender = $_POST["gen"];  
$acYear = $_POST["acyear"];  
$phoneNumber = $_POST["phno"];  
?>
```

```
<table border="1" align="center">  
  <tr>  
    <td><b>First Name</b></td>  
    <td>  
      <?php  
        echo "$firstName";  
      ?>  
    </td>  
  </tr>  
  <tr>  
    <td><b>Last Name</b></td>  
    <td>  
      <?php  
        echo "$lastName";  
      ?>  
    </td>  
  </tr>  
  <tr>  
    <td><b>Username</b></td>  
    <td>  
      <?php  
        echo "$userName";
```



```
        ?>

    </td>

</tr>

<tr>

    <td><b>Password</b></td>

    <td>

        <?php

            echo "$password";

        ?>

    </td>

</tr>

<tr>

    <td><b>Gender</b></td>

    <td>

        <?php

            echo "$gender";

        ?>

    </td>

</tr>

<tr>

    <td><b>Academic Year</b></td>

    <td>

        <?php

            echo "$acYear";

        ?>

    </td>

</tr>

<tr>

    <td><b>Phone No</b></td>
```

```

        <td>

            <?php
                echo "$phoneNumber";

            ?>

        </td>
    </tr>
</table>
</body>
</html>

```

TUTORIAL 13(PHP)

| | |
|---------------------------------------|--------------------------|
| Student ID : | <input type="text"/> |
| Student Name : | <input type="text"/> |
| Student Email : | <input type="text"/> |
| Student Password : | <input type="password"/> |
| <input type="button" value="Submit"/> | |

```

<html>

    <head>

        <title>Tutorial 13 - PHP</title>

    </head>

    <body>

        <?php

```

```
$studentId = $_POST["sid"];
$studentName = $_POST["snm"];
$studentEmail = $_POST["sem"];
$studentPassword = $_POST["spw"];

$serverName = "localhost";
$username = "root";
$password = "";
$database = "university";

$conn = new mysqli($serverName, $username, $password, $database);

if($conn->connect_error)
{
    die("Database Connection Failed".$conn->connect_error);
}

$ins = "insert into students values('$studentId', '$studentName',
'$studentEmail', '$studentPassword')";

if($conn->query($ins) == TRUE)
{
    echo "Data has been Added Successfully.";
}
else
{

```

```
        echo "Record Unable to be Added".$conn->error;
    }

    ?>
</body>
</html>
```

```
<html>
    <head>
        <title>Tutorial 13 - PHP</title>
    </head>

    <body>
        <?php
            $serverName = "localhost";
            $userName = "root";
            $password = "";
            $database = "university";

            $conn = new mysqli($serverName, $userName, $password, $database);

            if($conn->connect_error)
            {
                die("Database Connection Failed".$conn->connect_error);
            }
```

```
$dis = "select * from students";

$result = $conn->query($dis);

if($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        echo "<b>ID:</b> " . $row["stuId"]. " &nbsp;&nbsp;<b>Name:</b> "
        . $row["stuName"]. " &nbsp;&nbsp;<b>Email:</b> " . $row["stuEmail"]. "
        &nbsp;&nbsp;<b>Password:</b> " . $row["stuPassword"]. "<br>";
    }
}
else
{
    echo "There are no records to be displayed";
}

?>

</body>

</html>
```