

GRAPHIC ERA HILL UNIVERSITY

DEHRADUN

Name - Vinay Badola

UNIV. Roll No. - 2101249

SEC - C

Subject - Scripting Language

Subject code - PMC-103

SEM - I

Q2 - 2

STUDENT Registration form

Name - Vinay Badola
Roll No - 08
SEC - C

// Reg-form.html

<html>

<head>

<title> Registration form for students </title>

<style>

tr: nth-child(even) { background-color: lightblue }

th {

background-color: black; color: white;

}

th, td {

padding: 15px;

}

</style>

</head>

<body>

<center>

<form name = "formRegistration" method = "post"

action = "action.php" target = "_blank">

<table border = "0" width = "800" align = "center">

<tr> <th colspan = 2> Registration form </th> </tr>

<tr> <td> Username </td>

<td> <input type = "text" name = "userName" </td>

</tr>

Vinay

```
<tr><td> first Name </td>
<td><input type="text" name="firstName" value="first name">
</td></tr>
<tr><td> Last Name </td>
<td><input type="text" name="lastName" value="last Name">
</td></tr>
<tr><td> Password </td>
<td><input type="password" name="password" value="password">
</td></tr>
<tr><td> Email </td>
<td><input type="text" name="userEmail"></td></tr>
<tr><td> Gender </td>
<td><input type="radio" name="gender" id="gender"
value="Male"> Male
<input type="radio" name="gender" id="gender" value=
"female"> female
</td>
</tr>
<tr>
<td><input type="checkbox" name="Terms"> I accept
Terms & Conditions </td>
</tr>
<tr><th colspan="2">
```

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(3)

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```
<div> <input type = "submit" name = "submit" value = "Register">
```

```
</div>
```

```
</th> </tr>
```

```
</table>
```

```
</form>
```

```
</body>
```

```
</html>
```

// action.php

```
<html>
```

```
<head>
```

```
<title> Submitted Data </title>
```

```
<style>
```

```
tr: nth-child(even) { background-color: #f2f2f2 } th {
```

```
background-color: #4CAF50
```

```
color: white;
```

```
}
```

```
th, td {
```

```
padding: 15px;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<center>
```

```
<br> <br>
```

```
<?php
```

```
foreach ($_POST as $key => $value) { if (empty($_POST
```

```
[$key])) {
```

```
$message = ucwords($key). "field is Required"; break;
```

```
}
```

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Roll No - 21711108

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ID - 21711167

```
if ($-POST['password'] != $-POST['confirm-password'])
{
    $message = "Password should be same <br>";
}

if (!filter_var($-POST['userEmail'], FILTER_VALIDATE_EMAIL))
{
    $message = "Invalid userEmail";
}

if (!isset($message))
{
    if (!isset($-POST['gender']))
    {
        $message = "Gender field is Required";
    }
}

print("table width = '700' <tr> <th colspan = 2> Registration form.
</th> </tr>");
print("<tr> <td align = 'right'> User name: </td> <td>".
$-POST["userName"]. "</td> </tr>");
print("<tr> <td align = 'right'> last name : </td> <td>".
$-POST["lastName"]. "</td> </tr>");
print("<tr> <td align = 'right'> Email: </td> <td>".
$-POST["userEmail"]. "</td> </tr>");
print("<tr> <th colspan = 2> </th> </tr> </table>
</body> </html>");
```

? >

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Q1. // Simp-validate.htm

<html>

<head>

<title> Validate() method </title>

<script>

function validate()

{

var msg = ""; if (document.getElementById('log').value == "")

{

msg = "username"; document.getElementById('log').focus();

}

if (document.getElementById('pass').value == "")

{

if (msg != "")

{

msg += "and "

}

msg += "password";

}

if (msg != "")

{

alert("provide " + msg); return false;

}

}

</script>

<head>

<body onload = document.getElementById('log').focus()

>

<form action = "login.php" method = "post" onsubmit =
 "return validate();" > Login-Name:
 <input type = "text" id = "log" >

 Pass-word: <input type = "password" id = "pass"
 placeholder = "Enter your pass" >

 <input type = "submit" name = "submit" value =
 "login" >
 </form>
 </body>
 </html>

Q3. Analyze any CSV dataset using R

Index.csv

id	Name	Salary	Dept	Location	Joining_date
01	Vinay	\$1,000	Tech	Haryana	22-10-16
02	Rahul	\$10,000	Sales	Dubai	16-10-14
03	Danny	\$2,000	Finance	Singapore	08-01-19
04	Chris	\$3,000	Architect	USA	10-03-20
05	LUKE	\$5,000	HR	Chennai	29-09-21

Reading a CSV file - index

```

data <- read.csv("index.csv") # read.csv() function
print(data) # to read a CSV file

```

Analyzing the CSV file -

```

data <- read.csv("index.csv")
print(is.data.frame(data)) # output - TRUE
print(ncol(data)) # output - 6
print(nrow(data)) # output - 5

```

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• Get the max salary

Create a data frame

```
data <- read.csv("index.csv")
```

Get the max salary from data frame

```
sal <- max(data$salary)
```

```
print(sal)
```

Output - when we execute the above code -

\$10,000

• Get the details of the person with max salary -

```
data <- read.csv("index.csv")
```

Get the person detail having max salary

```
retval <- subset(data, salary == max(salary))
```

```
print(retval)
```

Output - when we execute the above code

id	Name	Salary	Dept	Location	joining-date
02	Rahul	\$10,000	Sales	Dubai	16-10-14

• Get all people working in Tech Department

```
data <- read.csv("index.csv")
```

```
retval <- subset(data, dept == "IT")
```

```
print(retval)
```

Output -

id	Name	Salary	Dept	Location	joining-date
01	Vinay	\$1,000	Maryana Tech	Maryana	22-10-16

Vinay

Get the people joined after 2014:

```
data <- read.csv ("input index.csv")
retval <- subset (data, as.Date (joining-date)
                  > as.Date ("16-10-14"))
print (retval)
```

output -

id	Name	Salary	Dept	Location	joining-date
01	Vinay	\$1,000	Tech	Hyderabad	22-10-16
03	Danny	\$10,000	Finance	Singapore	08-01-19
04	Chris	\$2,000	Architect	USA	10-03-20
05	LUKE	\$5,000	HR	Chennai	29-09-21

Q4. # Descriptive Statistics

```
Summary (retval)
dim (retval)
str (retval)
names (retval)
```

Inferential Statistics

1). Chi-squared test

```
model <- chisq.test (retval)
model
```

output - $p\text{-value} = 0.44 > 0.05$

Therefore, "retval" is highly correlated
and we accept the NULL Hypothesis.

Vinay