Name → Lakashya Prahlot
Roll no → 2201404
Course → MCA'1(

Pg-1

```
<!DOCTYPE html>
<html>
<head>
<script>
function validateForm()
{
var x = document.forms["myForm"]
["fname"].value;
if(x==""||x==null)
{
alert("Name must be filled out");
return false;
}
}
</script>
</head>
<body>
<h2> Javascript validation for empty input field </h2>
<p> Try to submit the form without entering any text.</p>
<form name="myForm"
action="/action_page.php" onsubmit="return validateform()"
method="post" required>
Name: <input type="text" name="fname">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

Lakashya

Name -> Lakashya Gahlot

Roll no -> 2101104

Course -> MCA 1'C'

Ans-2 -> <? php

```
$con = mysql_connect ("localhost", "root", " ") or die("not connected
mysql_select_db ("student", $con);
extract ($_POST);
if (isset ($save))
{
$dob = $yy."_". $mm."__". $dd;
$h = implode (",", $hobb);
$img = $_FILES['pic']['name'];
$sql = mysql_num_rows ($sql);
if($return)
{
$msg = "<font color = 'red' >". ucfirst ($e)."already exists choose
another email</font>";
}
else
{
$query = "insert into studentdetails values('', '$n', '$e', '$p', '$m', '$g',
'$h', '$dob', '$add', '$img', now())";
mysql_query ($query);
$msg = "<font color = 'blue'> your data saved </font>";
}
}
?>
```

Lakashya

Name → Lakashya Prabhat
Rollno → 2102204
Course → MCA 1C

Q-3 CSV files are basically the text files wherein the values of each row are separated by a delimiter, as in a comma or a tab.

Ex→

id,	name,	department,	salary,	~~objects~~ projects
1,	A,	IT,	60754,	4
2,	B,	Tech,	59640,	2
3,	C,	Marketing,	69040,	8
4,	D,	Marketing,	65043,	5
5,	E,	Tech,	59943,	2
6,	F,	IT,	65000,	5
7,	G,	HR,	69000,	7

```
CSV_data <- read.csv(file='sampl.csv')
print(CSV_data)
# print number of columns
print(ncol(CSV_data))
# print number of rows
print(nrow(CSV_data))
```

Output:

	id,	name,	department,	salary.	projects
1	1	A	HR	60754	14
2	2	B	Tech	59640	3
3	3	C	Marketing	69040	8
4	4	D	HR	65043	5
5	5	E	Tech	59943	2
6	6	F	IT	65000	5
7	7	G	HR	69000	7

[1] 4

[1] 7

Lakashya

Name -> Lakshya Rathor
Roll no, 2101104
Course -> MCA 1 C

Ans-4 -> Descriptive Statistics -> These are brief descriptive coefficients that summarize a given data set, which can be either a representation of the entire population or a sample of a population.

Descriptive statistics are broken down into measure of central tendency and measure of variability (spread). Measures of central tendency include the mean, median, and mode, while measures of variability include standard deviation, variance, minimum and maximum variables.

* Inferential statistics -> It makes inferences about population using data drawn from the population. Instead of using the entire population to gather the data, the statistician will collect a sample or samples from the millions of residents and make inferences about the entire population using the sample.

Lakshya