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Course  $\Rightarrow$  MCA

Univ. Roll No  $\Rightarrow$  2101118

Q1 Ans

```
<!DOCTYPE html>
<html>
<head>
<script>
function validateForm() {
    var x = document.forms ["my form"]
    ["fname"].value;
    if (x == "" || x == null) {
        alert ("Name must be filled out");
        return false;
    }
}
</script>
</head>
<body>
```

<#2> JavaScript validation for empty input

Ans 2:- <html>

<head>

<title>general form</title>

</head>

<body bgcolor="aak/k">

<form action="<?php \$\_PHP\_SELF?>" method="POST">

Name:

<input type="text" name="txtname">

<br><br>

Roll no:

<input type="text" name="txt1-no">

<br><br>

Gender:

<input type="text" name="txtgen">

<br><br>

Address:

<textarea name="add" type="text"></textarea>

<br><br>

<input type="submit" name="insert" value="save">

<input type="reset" value="cancel">

</form>

</body>

</html>

~~PHP~~

<?php

<if(isset(\$\_POST['insert']))

```

{
    $con = mysql_connect("localhost", "root", "");
    if ($con)
    {
        echo "Mysql connection OK <br>";
        mysql_select_db("studinfo", $con);
        $name = stripslashes($_POST['txtname']);
        $rollno = intval($_POST['txtrollno']);
        $gender = stripslashes($_POST['txtgender']);
        $address = stripslashes($_POST['txtaddress']);
        $insert = "insert into info values ('$name', $rollno, '$gender', '$address')";
        if (mysql_query($insert, $con))
        {
            echo "Data inserted successfully <br>";
        }
        $query = "select * from info";
        $slst = mysql_query($query, $con);
        echo "<table border='1'>
        <br>
        <tr>
            <th> Name </th>
            <th> Roll No </th>
            <th> Gender </th>
            <th> Address </th>
        <br>
        <tr>";
        while ($row = mysql_fetch_array($slst))
    }

```

{

echo "<tr>";

echo "<td>". \$row["name"]. "</td>";

echo "<td>". \$row["rollno"]. "</td>";

echo "<td>". \$row["gen"]. "</td>";

echo "<td>". \$row["address"]. "</td>";

echo "</tr>";

}

echo "</table>";

mysql\_close(\$con);

}

}

?>



```

Ans 7: rm(list = ls()) # removes all variables stored previously
library(Hmisc) # import
data <- read.csv("C:/Users/Mykyt/Desktop/covid-r/covid19_line_list
- data.csv")
describe(data) # Hmisc Command

# cleaned up death column
data$death_dummy <- as.integer(data$death != 0)

# death rate
sum(data$death_dummy) / nrow(data)

# AGE
# claim: people who die are older
dead = subset(data, death_dummy == 1)
alive = subset(data, death_dummy == 0)
mean(dead$age, na.rm = TRUE)
mean(alive$age, na.rm = TRUE)
t.test(alive$age, dead$age, alternative = "two.sided", conf.level = 0.99)

# GENDER
men = subset(data, gender == "male")
women = subset(data, gender == "female")
mean(men$death_dummy, na.rm = TRUE) # 8.5%
mean(women$death_dummy, na.rm = TRUE) # 8.7%
t.test(men$death_dummy, women$death_dummy, alternative
= "two.sided", conf.level = 0.99)

```

# 99% confidence: men have from 0.8% to 8.8% higher chance

# of dying.

#  $p\text{-value} = 0.002 < 0.05$ , so this is statistically.

# Significant