NAME :   : Deovrath

UNIV· ROLLNO: 2101060

STUDENT ID : 21711184

DATE   : 15 March 2022

COURSE   : MCA

SEM   : 1

SECTION   : 'C'

SUB· NAME   : Scripting Language / R Lang.

SUB· CODE   : PMC 10.3

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①
```html
<!Doctype html>
<html>
<head>
<script>
function validate() {

    let x = document.forms["myform"]["fname"].
              value;
    if (x == " ") {
        alert("Name must be filled");

      .return false;
    }

  }
</script>
</head>
<body>
<h2> Javascript Validation </h2>
<form name = "myform" action="/action-page.php"
    onsubmit = "return validate()" method="post">

Name : <input type = "text" name = "fname">

<input type = "submit" value = "Submit">

<1 form>
</body>
</html>
```

(2)

```php
<! Docktype html)
< html>
< head>
< title> PHP Registeration form </title>
</head>

< body>
<? Php
    $ name E = " ";
    $ email E = " ";
    $ gender E = " ";

    $name = " ";
    $ email = " ";
    $gender = " ";
    if ( $_SERVER ["REQUEST_METHOD"] == "POST"){

      if (empty ( $_POST ["name"])) {
             $nameE = " Name field";
      }
       else {
       $name = text_input ($_ POST ["name"]);
      if (! preg_match ("/^[a-zA-Z÷'] * $ $/", $name)){

        $nameE = "only letter and white space required";

      }

    }
```

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```php
if (empty ($_POST["email"])){
    $emailE = "Email";
} else {

    $email = text_input ($POST["email"];
    if (!filter_var($emal, FILTER_VALIDATE_EMAIL)){

    $emailE = "Invalid emal";
    }
}

if (empty ($_POST["gender"])){
    $genderE = "Gender";
} else {
    $gender = text_input ($_POST["gender"]);

    }
}

function text_input ($data){
    $data = trim ($data);
    $data = stripslashes ($data);
    $data = htmal specialclass ($data);
    return $data;
}

?>
```

Deovrath

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```html
<h1> Php registration form</h1>
<form method= "post" action = "<?php echo. html special
    class ($_SERVER ["PHP_SELF"]; ?>">
<b> Enter name: </b>
<input type= "text" name = "name" value-"<?php

    echo $name; ?>">

<span> * <?php echo$name E; ?> </span>
<br)<br)

<b> Enter Email:</b>
<input type = "text" name = "email" .value= "<?phpecho

    $email;?>">
<span> * <?php echo$ emailE; ?> </span>
<br> <br)
<b> select Gender: </b>
<input type= "radio" name = "gender"<?php if (isset

    ($gender) && $gender == "female") echo "checked";?)
value - "Female "> female

<input type ="radio" name = "gender" <?php if
    isset ($gender) && $gender == "male") echo "checked"; ?)
value = "male"> male.

<span> * <?php echo $gendrE; ?> </span>
<br> <br>
```

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```html
<Input type = "Submit" name = "Submit" value = "Register">
</form>
<?php
  echo "<h2> Your input :</h2>";

  echo $name;
  echo "<br>";
  echo $email;
  echo @ "<br>";
  echo $gender;
  ?>
</body>
</html>
```

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③ Analyzing data set on Covid 19 Case.

```
>> my data ← read.csv("c:\users\Asus\Download\
                              Document\Covid.csv")


>> my data



>> mean (my data$ Active)

>> min (my data$ Active)

>> quantile (my data$ Active)

>> summary (my data$ Active)

>> sd (my data$ Active)

>> summary (my data$ Active)

>> bar plot (my data $ Active,xlab = "State/UT", Ylab="Active
                 case", main = "Active Case vs State",
                 c.d = "Red", name.arg = my data$
                 State = UTs)
```

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④ Descriptive

mean: 1.3056

min : 1.0

~~Quantile~~
median: 1321.0.

Summary . Active.

min : 1.0
1st Qu. : 1845
Median : 1321.0
mean : 1.3056
3rd Qu. : 2762.0
max : 45716.

Summary Death

min : 4
1st Qu : 1016
median : 5656
mean : 1.3.386
3rd Qu : 13825
max : 141542

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(a) **Inferential Statistics**

→ Chi-squared test

tests ← chisq.test (mydata)

→ Correlation coefficient

cor (mydata $ Active, mydata $ Death)

→ ~~t.test (mydata~~
→ T-test

t.test (mydata, mu = 40)

After Analyzing the dataset of covid a ~~cases~~. we have
come to the Conclusion that the mean active
Case and death ratio of covid are. 1.3056 and
13.386.

And the maximum total Case in a Statt is Kerala.

Average discharged person is 8,43,170.