```
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Class: - MCA 1st sem
                             Section: D
 Class Roll No: - 51
 University Roll No :- 2101257
 Shedent IO: - 217/1280
  Exam Name: - @ R & SL
1.
    (html)
       <head>
           <ti>le> Validate Form </kitle>
       </head>
      <body >
         form onsubmit = "validates">
             Username 
           <input type = "text" ;d = "uname" > <b>>
            Possword 
           <input type= "password" id = 'pass" > < b>>
           < input type="submit">
         (script)
            let u = document.getElement By Id ("uname");
```

let p = document. getElement Dy Id (" pass");

```
function validate()

{

if (u.value.trip()=="" | 1 p.value.trip()=="")

{

alert(1please enter the required fields");

}

else 6

alert(".Accepted!!!");

}

</script?

</script?
```

</html>

```
2. <html>
    <head>
       < title > Registration Form < /title>
    </head>
    < body >
       < div class = "container">
      <43> Student Registration form </43>
      (form action = "action. php" method = "post">
         > Student Name: 
         Linput type = "text" name = "sname" >
          Oate of Birth: 
         <input type = "date" name = "date" >
          Gender: 
         <select name = "gender">
             <option value = "Male" > Male </option>
            <ophion value = "Female"> Female 
            Rophon value = "Others"> Others </ophion>
         </select>
         Address : 
        <textarea > are name = "address" nows = "4" >
         E-Mail: 
        <input type = "email" name = "email">
         Phone : 
        Kinput type = "number" name = "number">
```

</html>

```
<html>
<head>
   < title > Registration Details </title>
</head>
< ? php
   $nome = $-POST['sname'];
  $ do b = $_POST['date'];
  $ gender = $-POST['gender'];
  $ address = $_PasT[ "address'];
  $ email = $-POST['email'];
  $ phone = $-POST['number'];
  $ category = $-POSTE" category'];
  $ course = $ - Post['course'];
<body>
  <. > Details you entered are: </ha>
   > Nome: <?php echo $=name ?> 
   > Date of Birth: <?php echo $dob?> 
   Gender: <?php echo &gender?> 
  Address: <?php echo faddress?> 
  E-Mail: <? php echo femail?>
   Phone: <?php echo &phone?> 
   Category: <?php echo &category? > 
  Course: <?php echo $course?? </p>
</body>
</html>
```

3. Here we one going to analyze a dataset named 'Pokemon. usv' having a details of different pokemont in a game with their his points (HP), Attack power, defence power etc:

Reading the a .csv file

· pokemon <- read.csv Cpokemon.csv>

- · salect (pokemon, Generation, Defense) -> poke 2
 plot (poke 2)
- · ggplot (data = pokemon, aes (x = Type.1, j, U = Type.1)) + geom-bax ()

Some quantitative analysis.

- · number of soms
- · number of columns ncol (pokemon)
- · Minimum

 min (pokemon & Attack)

- · Maximum

 max (pokemon \$ Pefense)
- · Mean (pokemon & Attack)
- · Median

 median (pokemon \$ speed)
- · Overtile

 quantile (pokemon \$ 5p..Atk)
- · Standard Deviation

 5d (pokemon \$ 5p.. Def)
- · Voriance vor (pokemon \$HP)
- · poke3<-select (pokenon, Altack, Pelense) boxplot (poke3)
- · ggplot (data = pokemon, aes (x = HP)) + geom = histogram (j.ll = "tigttgreen", col = "darkgreen")

4. Descriptive stats:

summany (pokemon)

dim (pokemon)

str (pokemon)

nomes (pokemon)

9 yerestial stats

(i) chi-squared test

model <-chisq.test(pokemon)

model

output p-value = 0.135164 > 0.05

(a)(ii) Corelation afficient Cor (pokenon & MP, pokenon & Defense) # output · 0.94315 >0.8

(1ii) Arova test

poke4 (- Gov (pokemon.\$HP~pokemon \$speed)

poke4

output pr(>P) is 0.0013

(IV) T-test

to test (pokemon, mu=100)

Here p-value = 0.334263 > 0.05

accepting Null Lypothesis.