```
Of Source code:
   < html>
   < Head > Validate method < lhead >
  < form name = "mytorm" action = "/action-lage-php" on sobmit =
   <body>
     (return validate()" method=" Post">
   Name: <2 nput type = "fext" name = "thame"> < 68>
  Passwood: Zinput type = "Passwood" name = "Pass" > 2 1587
  Course : Lonput type = "text" name = "(ourse"> 2 hr)
  I'mput type = "Submet" value = "Submet">
  <script>
  function validate()
  let n = document.forms["myform"]["fname"].value;
  let & = document. forms ["myform"] ["Pass"]. value;
  let x2 = document. forms ["myform"] ["(oure"]. value",
  Pf (x = = "4 $ $ x1 = = "1 & $ x2 == ")
   about ("wame, Passwood, Course must be filled out");
   else rf (n = = "" & d x1 = "")
    alest ("name, Passwood must be filled out");
   elx if (x="1.$$ x(2="1")
      alest ("name, lovase must be filled out");
```

else of (21 = = " " \$\$ = "") alest ("Password, Course must be filled out"); 2 else of (x="") alest ("name must be filled out"); else of (x1 == "") alert (" Passwood must be filled out"); else if (312=="") E alert (" (ousse must be filled out"); Return false;

3

< 150 ript/false; 9 < 1 form > <1Body> </natural>

```
& Name: AKHIL GUSAIN Student 1d : 21711276 COURSE: MCA
C! DOCTYPE HIMLY
    < HITML>
   </ted>
   < Body >
   < toom>
          <HI> Registration form < |HI>
  < Label > FlorsT Name < Mabel > Cbr>
  < (nput type = "Yesit" name = "nome">
  <label > Father Nome </label > < 68>
 <input type="text" name = "frame">
 Express types "yearl
 < Label > COURSE </Label > < bo>
 < input type = "text" name = "(ourse">
 < Label > type = " PH. Number < / (label)
<input type = "leset" nome = "No" >
< Label > Emall < /Label >
enput type = "mail" name = "mail">
 "Submit" nome = Submit">
<1form>
   $con = mysqli_ (onnect ('Localhost', 'root', ('));
 <?pHP
   194591i_ Select_db (&con, &books), StuDENT);
   of ("sset (& REQUEST ['Submit']))
   $N = & REQUEST ['name'];
   $P = & RECOUSST [frame'];
  $ c = & REQUEST [ (OURSE'];
  SD = & RECOVEST [ NO'];
 IE = $_ REQUEST [ 'Mail'];
```

\$9 = "Prosest Puto Student Values ("AN", "AP", "&C, "AB", "BE",)";

8 X = mysqli-query (\$600, \$9);

echo "Dato Submitted";

echo "Name = \$N";

echo "fonome = \$P";

echo "Course = \$C";

echo "PHODO = \$D";

echo "Mail Pd = \$E";

3
?>

<1Body>

<1+ITML>

03 # Oplyo library function library (db/yr) Setud ("bi: / MCA") My douto 2-read. (SV ("vehicle. (SV")) Mydata #Duciptive statistics Summary (mydata) din (mydata) Str (my dato) hames (mydata) 4 Select function my subdato = Scient (my dato, (au, avesage) mysubdata # filts and avalange function mysubdata <- files (mydoita, overage>40) mysubdato. my subdato2 < ovorange (mydata, desi (average)) my subdocto3 = avarange (my dato, desc (speed 1) # Top & Bottom & average head (mysubdata2) toil (mysobdata2) It mutate function (to add a column to doitaget my dato <metate (mydato, model = year) # Different plat of Dataset # histogoam

It describes the important characteristics Descriptive statistics: Properties of the data using the measure the central tendency like mean/median/mode and the measure of dispession like range, standard deviation, variance etc. Dato can be Summarized & supresented on an accusate way using charts, Fabels & graphs. for ex=> we have marks of love students and we may Be interested in the overall performance of those students and the distribution as well as the spread of masks. Descriptive statistics Bovide us the tools to define Our date in a most understandable and appropriate

inferential statistics: 91% about using douto from sample & then making inferences about the large population from which the sample is drawn, the goal of the inferential statistics is to draw conclusions from o sample and generalize them to the population 9+ determines the probability of the characteristics of the Sample using probability theory. The most common methodologies used are hypothesis tests, Analysis of Vonfance etc.