

# NILGIRI COLLEGE OF ARTS AND SCIENCE

Accredited with A++ grade by NAAC

(Affiliated to Bharathiar University)

## PG DEPARTMENT OF COMPUTER SCIENCE

# WEB APPLICATION DEVELOPMENT AND HOSTING

## PRACTICAL RECORD

2023-2024

NAME
REGISTER No
CLASS
SEMESTER



# NILGIRI COLLEGE OF ARTS AND SCIENCE

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# PG DEPARTMENT OF COMPUTER SCIENCE

# WEB APPLICATION DEVELOPMENT AND HOSTING

#### PRACTICAL RECORD

CLASS
of work done by the above n the Web Application uring the year 2023- 2024.
Head of the Department
ld on

**External Examiner** 

Internal Examiner

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#### AIM:

Write a program to develop a college website using advance html tags

#### ALGORITHM:

STEP1: open notepad text editor for writing html scripts STEP2: Develop college details using html in html <body>

STEP3: Enter department details and number of PG and UG students

STEP4: Save the file using .html extension

STEP5: Open the file using any browser to execute the program

STEP6: Verify the result and stop the process

#### 1. COLLEGE WEBSITE USING ADVANCED HTML TAGS

#### **CODING:**

```
1.
<html>
<head>
<title>COLLEGE WEBSITE</title>
<body text="blue">
<h1><u><center>NILGIRI COLLEGE OF ARTS AND SCIENCE</center></u></h1>
<h2><u><center>NILGIRI - 643212</center></u></h2><br>
<h2><u><center>COURSES OFFERED</center></u></h2>
<h2><u>UG COURSES</u></h2><u><center>PG COURSES</center></u>
<h2><a href="detail.html">Computer science</a></h2><h2><center><a
href="detail.html">Computer science</center></a></h2>
<h2><a href="com.html">Commerce</a></h2><h2><center><a
href="com.html">Commerce</center></a></h2>
<h2><a href="geo.html">Geography</a></h2><center><a
href="geo.html">Geography</center></a></h2>
<h2><a href="english.html">English</a></h2><center><a
href="english.html">English</center></a></h2>
</body>
</head>
</html>
2.
<html>
<head>
<title>Computer science</title>
```

```
<h1><u><center>DEPATEMENT OF COMPUTER SCIENCE</center></u></h1>
<h2>UG Student details</h2><center>PG Student details</center></h2>
<h3>No Of First year student is 40</h3><h3><center>No Of First year student is
35</center></h3>
<h3>No Of Second year student is 53</h3><center>No Of Second year student is
32</center></h3>
<h3>No Of Third year student is 45</h3>
</head>
</html>
3.
<html>
<head>
<title>Csommerce</title>
<h1><u><center>DEPATEMENT OF COMMERCE</center></u></h1>
<h2>UG Student details</h2><center>PG Student details</center></h2>
<h3>No Of First year student is 45</h3><center>No Of First year student is
40</center></h3>
<h3>No Of Second year student is 40</h3><center>No Of Second year student is
45</center></h3>
<h3>No Of Third year student is 45</h3>
</head>
</html>
4.
<html>
<head>
<title>Geography</title>
<h1><u><center>DEPATEMENT OF GEOGRAPHY</center></u></h1>
```

```
<h2>UG Student details</h2><center>PG Student details</center></h2>
<h3>No Of First year student is 30</h3><center>No Of First year student is
25</center></h3>
<h3>No Of Second year student is 35</h3><center>No Of Second year student is
30</center></h3>
<h3>No Of Third year student is 35</h3>
</head>
</html>
5.
<html>
<head>
<title>BA English</title>
<h1><u><center>DEPATEMENT OF ENGLISH</center></u></h1>
<h2>UG Student details</h2><center>PG Student details</center></h2>
<h3>No Of First year student is 45</h3><center>No Of First year student is
40</center></h3>
<h3>No Of Second year student is 30</h3><center>No Of Second year student is
35</center></h3>
<h3>No Of Third year student is 40</h3>
</head>
</html>
```

#### **NILGIRI COLLEGE OF ARTS AND SCIENCE**

**THALOOR - 643212** 

**COURSES OFFERED** 

**UG COURSES** 

**PG COURSES** 

**Computer science** 

**Computer science** 

**Commerce** 

Commerce

**Geography** 

**Geography** 

**English** 

Go to Settings to activate Windows.



#### **DEPATEMENT OF COMPUTER SCIENCE**

#### **UG Student details**

PG Student details

No Of First year student is 40

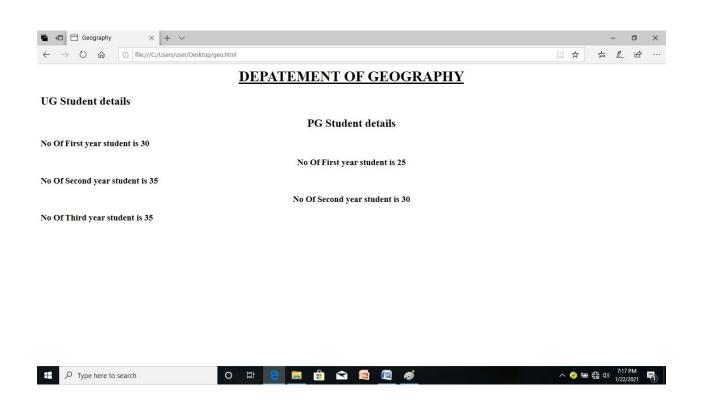
No Of First year student is 35

No Of Second year student is 53

No Of Second year student is 32

No Of Third year student is 45





#### **RESULT:**

Thus the progam was successfully executed and the output is verified

#### SEVERAL COUNTRY AIM AND ITS INTRODUCTION

#### AIM:

Write a program to extract country details using html tags

#### ALGORITHM:

STEP1: Open notepad text editor for writing a html script

STEP2:Develop a html program using several country names in paragraph as a text

STEP3:create individual country details in href

STEP4:Save the program as country.html

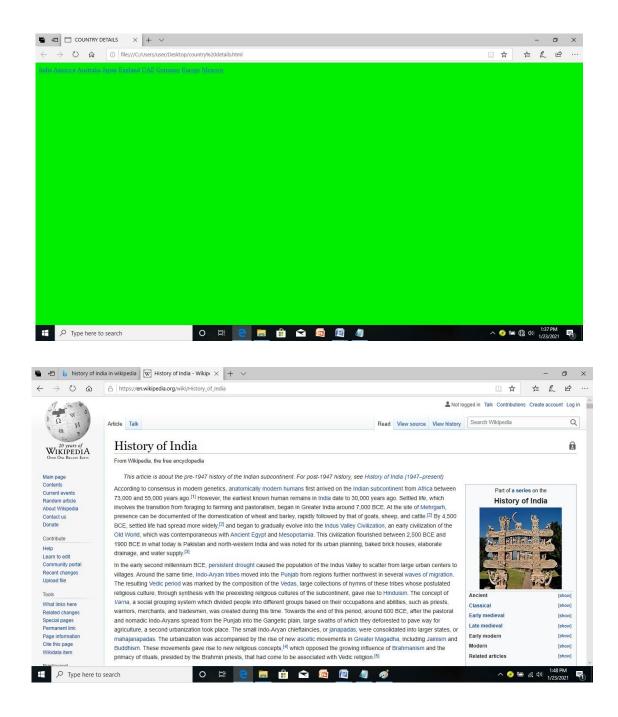
STEP5:Open the file using browser to execute the program

STEP6: Verify the result and stop the process

#### 2. NAMES OF SEVERAL COUNTRIES AND ITS INTORDUCTION

#### **CODING:**

```
<html>
<head>
<Title> COUNTRY DETAILS</title>
</head>
<body bgcolor="green">
<a href=https://en.wikipedia.org/wiki/Histrory-of-India >India</a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-United states >America</a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-Australia > Australia </a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-Japan >Japan</a>
<a href=<u>https://en.wikipedia.org/wiki/Histrory-of-England</u> >England</a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-UAE >UAE</a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-Germany>Germany</a>
<a href=<u>https://en.wikipedia.org/wiki/Histrory-of-Europe</u>>Europe</a>
<a href=https://en.wikipedia.org/wiki/Histrory-of-Moscow >Moscow</a>
</body>
</html>
```



#### **RESULT:**

Thus the progam was successfully executed and the output is verified

#### LIST AND TABLE DOCUMENT

#### AIM:

Develop a HTML document to i)display Text with bullets / numbers — using Lists ii) to display the Table format data

#### **ALGORITHM:**

STEP1: open notepad text editor for writing html scripts STEP2: write any sentence in html body as a paragraph

STEP3: use square bullets for display text in order of bullets as one by one

#### ii)DISPLAY THE TABLE FORMAT DATA

STEP1: create a table using html tags [tuple,th,td]

STEP2: set table width=100 and enter table data details

STEP3: get student details as Reg.no ,Name,Subject and marks respectively

STEP4: save the file using html extension

STEP5: open the file using any browser to execute the program,

STEP6: verify the result and stop the process

#### 3. (i) BULLETS/NUMBERS USING LIST

#### **CODING:**

```
<HTML>
<HEAD>
<TITLE>
USING BULLETS IN HTML
</TITLE>
</HEAD>
<BODY bgcolor="pink">
<H1><U><CENTER>DISPLAY TEXT WITH BULLETS & NUMBER USING
LIST</CENTER></U></H1>
<H1><U>USING BULLETS</U></H1>
<h1>what is xml?</h1>
Extensible Markup Language(XML) is a markup language that defines a set of rules for
encoding documents in a format that is both human-readable and machine readable.
It is a textual data format with strong support via unicode for different human language.
\langle BR \rangle
<menu>
<h1>using square bullets</h1>
Python
type="square">c++
type="square">Java
type="square">C
Cobal
</menu>
\langle BR \rangle
\langle BR \rangle
\langle BR \rangle
<h1><U>USING NUMBERS</U></H1>
<h1>what is xml?</h1>
<ol type="1">
Extensible Markup Language(XML) is a markup language that defines a set of rules for
encoding documents in a format that is both human-readable and machine readable. 
It is a textual data format with strong support via unicode for different human language.
\langle BR \rangle
\langle BR \rangle
</01>

    type="i">

Python
C++
C
Java
Cobal
</01>
```

```
<BR>
<BR>

HTML
HTML
SOAP
WSDL
UDDI

<!DOCTYPE html>
</head>
```

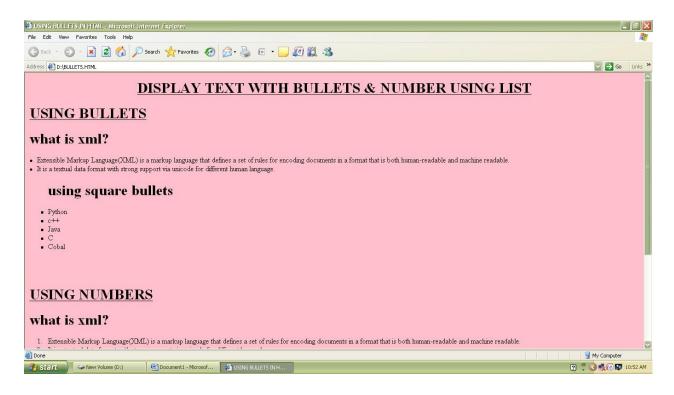
#### (ii). DISPLAY THA TABLE FORMAT DATA

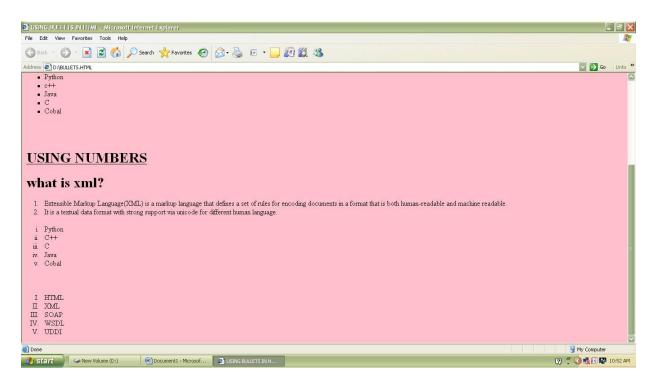
```
<HTML>
<HEAD>
<TITLE>
USING TABLES IN HTML
</TITLE>
</HEAD>
<BODY bgcolor="yellow">
<H1><U><CENTER> NILGIRI COLLEGE OF ARTS AND SCIENCE</CENTER></U></H1>
<H1><U><CENTER>DEPARTMENT OF COMPUTER SCIENCE</CENTER></U></H1>
<style>
table,th,td{
   border:1px solid black;
   border-collapse:collapse
}
</style>
</head>
</html>
<th>>S.No</th>
  Register No
  Student Name
 Web Service
 Python Program
 Business Intelligence
 Network Security & Crytography
 Digital Image Processing
01
 1832K0514
 M.Deivanai
   90
```

```
80
 95 
 85
 90 
 02 
 1832K0515
 S.Gayathri
 90 
 80
 95 
 85
 90 
 03 
 1832K0516
 S.Jaganathan
 90 
 80
 95 
  85 
 90 
04
 1832K0517
 M.JamunaRani
 90 
  80 
 95 
 85
 90 
 05 
 1832K0518
 C.Jancy Priyanka
 90 
  80 
 95 
  85 
 90 
06
 1832K0519
 S.Kalaiyarasi
 90 
  80
```

```
95 
  85 
 90 
 07 
 1832K0520
 R.Kasturi
  90 
  80 
 95 
  85 
 90 
 08 
 1832K0521
 S.Kowsalya
 90 
  80 
 95 
  85 
 90 
09
 1832K0522
 S.Lakshmana Kumar
 90 
 80
 95 
 85
 90 
 10 
 1832K0523
 P.Madhan Kumar
 90 
  80 
 95 
  85 
 90 
11
 1832K0524
 J.Nivetha
 90 
  80 
 95
```

```
85
90 
12
1832K0525
N.Ragavan
90 
80
95 
85
90 
13
1832K0526
N.Rajeev
90 
80
95 
85
90 
14
1832K0527
G.Ramya
 90 
80
95 
 85 
90 
15
1832K0528
M.SivaSankar
90 
 80 
95 
85
90 
</body>
</html>
```







#### **RESULT:**

Thus the program was successfully executed and the output is verified

# HOSPITAL DETAILS USING FRAMESETS

#### AIM:

Write a program to develop hospital details using framesets/frames

#### ALGORITHM:

STEP1: open the notepad text editor

STEP2: create hospital details Names, Address, contact

STEP3: create hospital.html file using frames.src

STEP4: save the file using html extension

STEP5: open the file using browser to execute type program

STEP6: verify the result and stop the process

#### 4. HOSPITAL DETAILS USING FRAMESETS

#### **CODING:**

```
1.
<html>
<head>
<title>Hospital Details</title>
</head>
<body>
<h1><center><u>GOVERNMENT HOSPITAL</u></center></h1>
\langle ul \rangle
<a href="red.html"target="frm">ADDRESS</a>
<a href="blue.html"target="frm">CONTACTS </a>
<a href="black.html"target="frm">WORKING HOUS</a>
</body>
</html>
2.
<html>
<head>
<title>red</title>
</head>
<body bgcolor="red">
<img src="im1.jpg" alt="im1" align="right" height="590" width="630">
```

```
<h1><u><center>GOVERNMENT HOSPITAL GUDALUR </u></center><h1>
<h2><u>ADDRESS</u></h2>
<h3>UPPER GUDALUR</h3>
<h3>Landmark: OOTY MAIN ROAD</h3>
</h3>The Nilgiris - 643212</h3>
</head>
</html>
3.
<html>
<head>
<title>blue</title>
</head>
<body bgcolor="blue">
<\!\!img src="im4.jpg" alt="im4" align="right" height="590" width="630">
<h1><u><center>GOVERNMENT HOSPITAL GUDALUR </u></center><h1>
<h2><u>CONTACTS</u></h2>
<h2>1.108</h2>
<h2>2.044 0621 4844</h2>
</head>
</html>
4.
<html>
<head>
<title>black</title>
</head>
```

```
<body bgcolor="yellow">
<h1><u><center>GOVERNMENT HOSPITAL GUDALUR </u></center><h1>
<h2>Working Hours</h2>
<h3>Monday - Sunday : 24 Hrs</h3>
<h3>Monday - Sunday : 24 Hrs</h3>
</head>
</html>
5.
<html>
<head>
<title>frame</title>
<frameset rows="25%,25%,25%,25%">
 <frame src="hospital.html">
 <frame src="red.html">
  <frame src="blue.html">
 <frame src="black.html">
</head>
</html>
```



#### **RESULT:**

Thus the program was successfully executed and the output is verified

# BIO-DATA USING HTML

#### AIM:

Write a html program to develop bio-data form

#### ALGORITHM:

STEP1: open notepad text editor

STEP2: create bio-data using name, address, contact and e-mail id

STEP3: enter qualification details and department details

STEP4: save the file as html

STEP5: open the file on browser to execute the process

STEP6: verify the result and stop the process

#### 5. BIO - DATA USING HTML

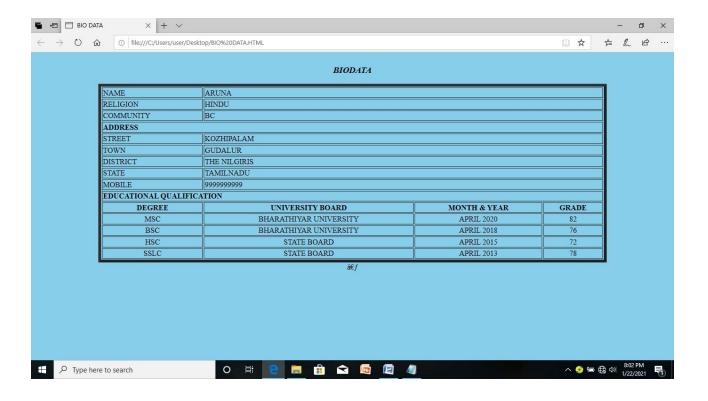
#### **CODING:**

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
 <head>
  <title>BIO DATA</title>
 </head>
 <body bgcolor="skyblue" text="blue">
  <center></center>
  <caption><h3><i>BIODATA</i></h3></caption>
  NAMEARUNA
  RELIGIONHINDU
  COMMUNITYBC
  align="left" colspan="12">ADDRESS
  STREETKOZHIPALAM
  TOWNGUDALUR
  DISTRICTTHE NILGIRIS
  STATETAMILNADU
```

```
EDUCATIONAL QUALIFICATION
 DEGREEUNIVERSITY BOARDMONTH & YEARGRADE
 <center>MSC</center>
 <center>BHARATHIYAR UNIVERSITY</center>
 <center>APRIL 2020</center>
 <center>82</center>
 <center>BSC</center>
 <center>BHARATHIYAR UNIVERSITY</center>
 <center>APRIL 2018</center>
 <center>76</center>
 HSC</center>
 <center>STATE BOARD</center>
 <center>APRIL 2015</center>
 <center>72</center>
 <center>SSLC</center>
 <center>STATE BOARD</center>
 <center>APRIL 2013</center>
 <center>78</center>
 </body>
```

</html>

#### **Output:**



#### **RESULT:**

Thus the program was successfully executed and the output is verified

# REGISTRATION FORM USING HTML

#### AIM:

Develop a HTML documents to display a Registration form for an inter-collegiate function

#### **ALGORITHM:**

STEP1: open notepad

STEP2: create file registration form using html

STEP3: enter bpoard or university and department details of the student

STEP4: create student details using place holder

STEP5: add additional skills and gender of the student

STEP6: validate date and place of the registration

STEP7: save the registration form using html extension

STEP8: open the file using browser to execute the program

STEP9: verify the result and stop the process

#### 6. REGISTRATION FORM USING HTML

# **CODING:** <html> <head> <title>REGISTRATION FORM</title> </head> <body bgcolor="lightskyblue"> <center> <h1>NILGIRI COLLEGE OF ARTS AND SCIENCE,THALOOR</h1> <h2>Afflicated to Bharathiar University Coimbatore</h2> <h2>DEPARTMENT OF COMPUTER SCIENCE</h2> <h2>INTER COLLEGE MEET 2020</h2> <h2><b><u>REGISTRATION FORM</U></b></h2></center><br><br> <form> <label>Firstname</label> <input type="text" name ="firstname" size="15"/><br><br> <label>Lastname</label> <input type="text" name ="Lastname" size="15"/><br><br> Course: <select> <option value="course">course</option> <option value="Bsc CS">Bsc CS</option>

<option value="BCOM">BCOM</option>

```
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="Msc CS">Msc CS</option>
</select>
<br>>
<br>>
Gender:
<br>
<input type="radio"name="Male"/>Male<br>
<input type="radio"name="Female"/>Female<br>
<input type="radio"name="Other"/>Other<br><br>
Enter your DOB:
<input type="date"/><br><br>
Enter the college name:
<input type="text" name ="Enter the college name" size="20"/><br>
Phone no:
<input type="text"name="country code" value="+91" size="2"/>
<input type="text"name="phone "size="10"/><br><br>
Address:
<br>>
<textarea cols="35" rows="6" value="address">
</textarea>
<br>><br>>
```

```
Email:

<input type="email" id="email" name="email"><br>
<br>
select participating events:<br>
<input type="checkbox">seminar<br>
<input type="checkbox">Quiz<br>
<input type="checkbox">Workshop<br>
<input type="checkbox">Word hunt<br>
<input type="checkbox">Essay writting<br>
<input type="checkbox">Essay writting<br>
<input type="Submit" value="submit"/>
<input type="reset" value="reset Data"/>
</form>
</body>
```

</html>

NILGIRI COLLEGE OF ARTS AND SCIENCE,THALOOR	
Afflicated to Bharathiar University Coimbatore	
DEPARTMENT OF COMPUTER SCIENCE	
INTER COLLEGE MEET 2020	
REGISTRATION FORM	
Firstname	
Lastname	
Course: course ▼	
Gender:  OMale  OFemale	
Other	
Enter your DOB: dd-mm-yyyy	
Enter the college name:  Phone no: +91	Activate Windows Go to Settings to activate Windows.
Findle III. 1931	
Lasmame	
Course: course  Gender:	
○ Male ○ Female	
Other	
Enter your DOB: dd-mm-yyyyy   Enter the college name:	
Phone no: +91	
Address:	
Email:	
select participating events:	
□ Quiz □ Workshop	
□ Word hunt □Essay writting	
submit reset Data	Go to Settings to activate Windows.

#### **RESULT:**

Thus the program was successfully executed and the output is verified

CUSTOMER DETAILS

#### AIM:

Using HTML form accept customer details like Name, City, Pin code, Phone number and Email address and validate the data and display appropriate message for violations using PHP

#### ALGORITHM:

STEP1: open notepad editor

STEP2: enter customer details using placeholder

STEP3: add details as name, city, pin code, phone number and email id

STEP4: create a submit button using button type

STEP5: save the file

STEP6: open it with any browser to execute the program

STEP7: verify the result and stop the process

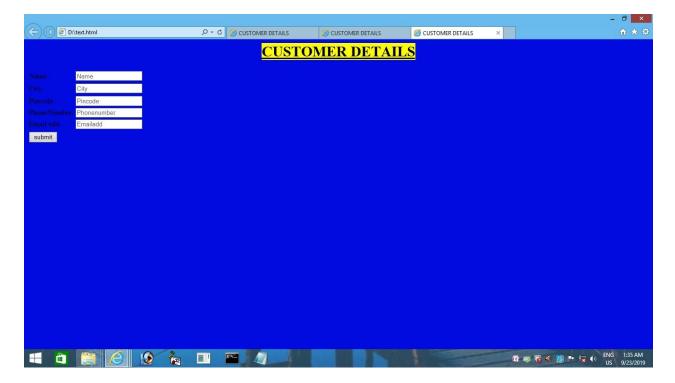
#### 7. CUSTOMER DETAILS

```
CODING:
<html>
<head>
<title>
      CUSTOMER DETAILS
</title>
</head>
<body bgcolor=" light blue">
<H1><CENTER><MARK><U>CUSTOMER DETAILS</CENTER><MARK></U></H1>
<?PHP
?>
<from>
 Name:
    >
       <input type="Name" placeholder="Name" name="">
       <?php if(isset($name)){echo $name;}?>
      <?php if(isset($code) && $code=1)</pre>
       {echo "class=errormsg";} ?>
```

```
City:
     <input type="City"placeholder="City" name="">
             <?php if(isset($name)){echo $name;}?>
       <?php if(isset($code) && $code=1)</pre>
       {echo "class=errormsg";} ?>
   >
      Pincode:
   <input type="Pincode"placeholder="Pincode" name="">
            <?php if(isset($pincode)){echo $pincode;}?>
       <?php if(isset($code) && $code=3)</pre>
       {echo "class=errormsg";} ?>
    PhoneNumber:
<input type="Phonenumber"placeholder ="Phonenumber" name="">
          <?php if(isset($number)){echo $number;}?>
       <?php if(isset($code) && $code=4)</pre>
       {echo "class=errormsg";} ?>
```

```
Email ID:
>
     <input type="Email ID"placeholder="Email ID" name="">
          <?php if(isset($email)){echo $email;}?>
       <?php if(isset($code) && $code=5)</pre>
       \{echo \ "class=errormsg";\}\ ?><\!\!/td\!\!>
<button type="submit">submit</button>
</form>
</body>
 </head>
```

</html>



#### **RESULT:**

Thus the program was successfully executed and the output is verified

# PRIME NUMBER USING HTML

#### AIM:

Write a program to accept two numbers n1 and n2 using HTML form and display the prime numbers between n1 and n2 using PHP

#### ALGORITHM:

STEP1: open notepad

STEP2: create place for any two prime numbers using a place holder

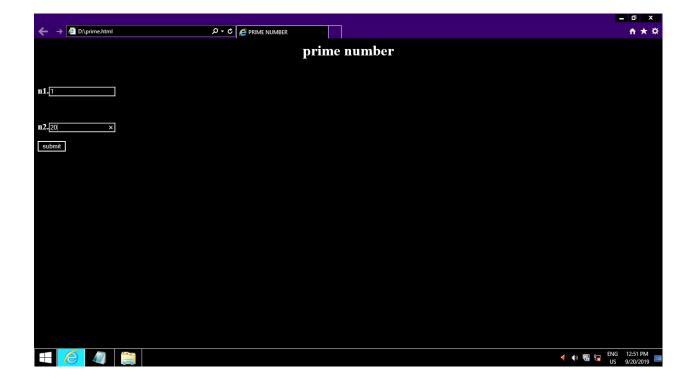
STEP3: add submit button using button type STEP4: write html coding to develop php code STEP5:save the file using any browser to execute STEP6: open the file using any browser to execute it

STEP7: verify the result and stop the process

#### 8. PRIME NUMBERS

```
CODING:
<html>
<head>
<title>
PRIME NUMBER
</title>
<head>
<body bgcolor="sky blue" >
<h1><center>prime number</center></h1>
<form action="/D:/submit.php" "method="get">
<br/><br><h3>n1.<input type="text"name="n1"></h3>
<br/><br/>h3>n2.<input type="text"name="n2"></h3>
<button type="submit">submit</button>
<br>>
</form>
</html>
PHP CODE:-
<?php
$number=2;
while($number<100)
```

```
$div_count=0;
for($i=1;$i<=number;$i++)
{
   if(($number%$i)==0)
   {
     $div_count++;
   }
}
if($div_count<3)
{
   echo $number.",";
}
$number=$number+1;
}
?>
```



#### **RESULT:**

Thus the program was successfully executed and the output is verified

