

Create webpage using PHP and HTML

QUESTION-1

Create a webpage using PHP that consists of textboxes to read “empid,” “salary,” “eName,” and “address.” The webpage should consist of submit and reset buttons. The form should be directed to a php file to

1. Check whether empid is proper or not (length of empid must be 8, the first four places of empid must be characters and the remaining are digits)
2. Salary must contain digits only and number of digits should be in the range (4-6).
3. eName must have characters only. The first character has to be capital letter.
4. Display the length of the address on the webpage.

CODE:

```
<?php
$empidERROR=$salaryERROR=$eNameERROR=$addressERROR="";
$empid=$salary=$eName=$address="";
$addressMSG="";
if($_SERVER['REQUEST_METHOD']=='POST')
{
    $empid = $_POST['empid'];
    $salary = $_POST['salary'];
    $eName= $_POST['eName'];
    $address = $_POST['address'];
    $is_char = preg_match('/^[a-zA-Z]+$/',$eName);
    $is_numeric = preg_match('/^[0-9]+$/',$salary);
    $is_alpha_numeric = preg_match('/^[a-zA-Z0-9]+$/',$empid);

    if(empty($_POST['empid']))
    {
        $empidERROR="This field is empty";
```

```

}
else{
    if($is_alpha_numeric)
    {
        if(strlen($empid)==8)
        {
            $empidArr1 = substr($empid, 0,4);
            $empidArr2 = substr($empid, 4,8);
            $checkChar = preg_match('/^[a-zA-Z]+$/', $empidArr1);
            $checkNum = preg_match('/^[0-9]+$/', $empidArr2);

            if($checkChar==1 && $checkNum==1)
            {
                $empidERROR="Passed";
            }
            else{
                $empidERROR="Characters and digits are in inappropriate places";
            }
        }
        else{
            $empidERROR="not 8 characters";
        }
    }
    else{
        $empidERROR="contains special characters";
    }
}
if(empty($_POST['salary']))
{
    $salaryERROR="This fiels is empty";
}

```

```
else{
    if($is_numeric)
    {
        if(strlen($salary)>=4 && strlen($salary)<=6)
        {
            $salaryERROR="passed";
        }
        else
        {
            $salaryERROR='No.of Digits is not between 4-6';
        }
    }
    else{
        $salaryERROR='does not contain only numbers';
    }
}
```

```
if(empty($_POST['eName']))
{
    $eNameERROR="This field is empty";
}
else{
    if($is_char)
    {
        if ctype_upper($eName[0])
        {
            $eNameERROR="passed";
        }
        else{
            $eNameERROR="First character is not Uppercase";
        }
    }
}
```

```

    }
}
else{
    $eNameERROR="does not contain only characters ";
}
}
if(empty($_POST['address']))
{
    $addressERROR="This field is empty";
}
else{
    $addressERROR="passed";
}
}
?>
<html>
<head>
<title>WELCOME</title>
<style>
#error{
    colour:red;
}
*{
    colour:red;
}
</style>
</head>
<body>
<h1><u>Employee Form</u></h1><br/>
<form action="" method="POST">
    empid : <input type="text" name="empid" required/>

```

```
<span class="error">* <?php echo $empidERROR;?></span>
<br><br>
salary: <input type="number" name="salary" required/>
<span class="error">* <?php echo $salaryERROR;?></span>
<br><br>
eName: <input type="text" name="eName" required/>
<span class="error">* <?php echo $eNameERROR;?> </span>
<br><br>
address : <input type="text" name="address" required/>
<span class="error">* <?php echo $addressERROR;?> </span>
<br><br>
```

```
<input type="submit" value="Submit" />
<input type="reset" value="Reset" />
```

```
</form>
<br><hr><br>
</body>
</html>
```

OUTPUT:

Employee Form

empid : * Passed

salary: * No.of Digits is not between 4-6

eName: * passed

address : *

Employee Form

empid : * not 8 characters

salary: * passed

eName: * passed

address : *

Employee Form

empid : * Passed

salary: * passed

eName: * passed

address : *

Employee Form

empid : * Passed

salary: * passed

eName: * First character is not Uppercase

address : *

QUESTION-2:

2.Create PHP file to read student data (RNo, Sname, 3 subject marks) from html form and display the result in the table as shown below. (Use POST method)

RNo SName Total Percentage Result 19bci7034 ffffffff 273 91 First Class

CODE:

HTML CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<form action="ass3.php" method="post"> Reg_number: <input type="text"
name="reg_num">
<br>
Name: <input type="text" name="name" id="name">
<br>
Sub1_marks: <input type="text" name="sub1" id="sub2">
<br>
Sub2_marks: <input type="text" name="sub2" id="sub2">
<br>
sub3_marks: <input type="text" name="sub3" id="sub3">
<br>
<input type="submit" value="Submit" name="submit">
</form>
</body>
</html>
```

Php code:

```
<?php
$reg=$_POST['reg_num'];
$name=$_POST['name'];
$sub1=$_POST['sub1'];
$sub2=$_POST['sub2'];

$sub3=$_POST['sub3'];
$total=$sub1+$sub2+$sub3;
$perc=$total/3;
```



```

$grade=""; if($perc>=90){
$grade="A";
}
elseif($perc>=80 && $perc<90){
$grade="B";
}
elseif($perc>=70 && $perc<80){
$grade="C";
}
elseif($perc>=60 && $perc<70){
$grade="D";
}
elseif($perc>=50 && $perc<60){
$grade="E";
}
else{
$grade="F";
}
echo "<table style='border:2px solid black'>
<tr >
<th style='border:2px solid black;'>RNO</th>
<th style='border:2px solid black;'>SName</th>
<th style='border:2px solid black;'>Total</th>
<th style='border:2px solid black;'>Percentage</th>
<th style='border:2px solid black;'>Result</th>
</tr>
<tr >
<td style='border:2px solid black;'>$reg</td>
<td style='border:2px solid black;'>$name</td>

<td style='border:2px solid black;'>$total</td>

```

```

<td style='border:2px solid black;'>$perc</td>
<td style='border:2px solid black;'>$grade</td>
</tr>
</table>";
?>

```

OUTPUT:

Reg_number:

Name:

Sub1_marks:

Sub2_marks:

sub3_marks:

RNO	SName	Total	Percentage	Result
20bcd7171	jaswanth	30	10	F

BY

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