

Government Science College, Valod

Subject: Fundamentals of PHP

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Journal List of Unit-4

1.	<p>Develop an application (Registration) that accepts personal information from user in registration page (registration.php) and display all registered information with registration date and time in Profile Page (profile.php). Also find and display age of registered person.</p> <p>Personal Information (Name, Gender, Date of Birth, Blood Group)</p> <p>Contact Information (Name, Address, State, City, Pin code, Email, Phone No., Mobile No.)</p> <p>Login Information (Name, Username, Password, Confirm, Email)</p> <p>Apply all Validations on necessary fields.</p>
2.	<p>Develop an application (Marksheet) that accepts marks of five different subjects on Marks Page (marks.php) and calculate and display Total, Percentage and Obtained class of Student. Display Marksheet (marksheet.php) in Proper format with greet Message.</p> <p>Apply all Validations on necessary fields.</p>
3.	<p>Develop an application (Paycheque) that accepts employee information and calculate and display net salary of employee.</p> <p>Employee Information (Emp Id, Name, Designation { Manager, Executive, Clerk, Peon }, Basic Salary)</p> <p>Allowance (Grade Pay, D.A. (50%), H.R.A. (20%), and Medical (5%))</p> <p>Deduction (Prof. Tax (5%) , E.P.F. (12.5 %), Insurance)</p> <p>Grade Pay (Manager:15,000, Executive: 10000, Clerk: 7000, Peon: 4500)</p> <p>Insurance (Manager: 15000, Executive: 10000, Clerk: 5000, Peon: 2500)</p> <p>Basic Salary (Peon: 7000-10000, Clerk: 15000-30000, Executive: 20000-55000, Manager: 75000-120000)</p> <p>Net Salary Exceeds 100000 subject to Imperial Tax 10 %.</p>
4.	<p>Develop an application Interest Calculator (Interest) that accepts Amount Information (Interest.php) from user and calculate and display Interest for an amount on same page.</p> <p>Constraints:</p> <p>Information (Principle, A/c Type, Duration, Interest Type, Interest Rate)</p> <p>A/c Type (Current (7%, S.I.), Saving (7%, S.I.), Senior Citizen (11%, C.I.), Female (9%), Fixed Deposit (12%, C.I.).Duration will be in Month.</p> <p>Minimum Amount: 1000.</p> <p>Interest exceeds 50000 subject to surcharge interest 5%.</p> <p>Interest exceeds 100000 subject to surcharge interest 10%.</p>
5.	<p>Develop an application (LoginApp) for Login Page (login.php) that accepts</p>

	<p>Username and Password. Upon successful login, it will redirect to Welcome page (welcome.php) that greet user and display greeting message according to time. The welcome page also displays all the link of form based applications.</p> <p>E.g. Hello! <Username> Good Morning....</p>										
6.	<p>Develop a script that accepts a Number from User and display Digit Report. Digit Report display followings:</p> <table border="0"> <tr> <td>1. Original Number</td><td>6. Palindrome Number (Yes/No)</td></tr> <tr> <td>2. Reverse Number</td><td>7. Armstrong Number (Yes/No)</td></tr> <tr> <td>3. Odd Numbers</td><td>8. Sum of Even Digits</td></tr> <tr> <td>4. Even Numbers</td><td>9. Sum of Odd Digits</td></tr> <tr> <td>5. Sum of Digits</td><td></td></tr> </table>	1. Original Number	6. Palindrome Number (Yes/No)	2. Reverse Number	7. Armstrong Number (Yes/No)	3. Odd Numbers	8. Sum of Even Digits	4. Even Numbers	9. Sum of Odd Digits	5. Sum of Digits	
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7.	<p>Develop a Script that accepts two Numbers (N1 and N2) that form a range and print following series based on user choice. If $N1 < N2$ print series in ascending order, otherwise descending order. $N1 \geq N2$.</p> <ol style="list-style-type: none"> 1. Series of Natural Numbers 2. Series of Odd Numbers 3. Series of Even Numbers 4. Series of Prime Numbers 5. Series of Armstrong Numbers 6. Series of Palindrome Numbers 7. Divisible by N Number 										
8.	<p>Develop a Script that accepts a String from user and Print String Report.</p> <ol style="list-style-type: none"> 1. Original String 2. Reverse the String 3. Length of String 4. No. of Words 5. No. of Palindrome Words 6. No. of Vowels 7. Frequency of each Words (on multiple occurrence) 										
9.	<p>Develop a Script that accepts a String from user and perform String Operations.</p> <ol style="list-style-type: none"> 1. Search for String 2. Sub String 3. Replace a String 										