

Web Technology Laboratory
END SEM Assessments
Practical Problem Statement List

1. Design a Form for Company Registration which includes all elements of form tag. Show appropriate Form output in compatible browser and show when user clicks on submit button, it will display: "Form submitted successfully"
2. Write a HTML Script using HTML tags and CSS features for Coffee: shop online web content. Beautify content using coffee mag and relevant Images. Provide option for Selecting Coffee type and Show Rate of Type of Coffee selection done.
3. Write a HTML Script using HTML tags and CSS features for Car Service Centre: Beautify Content using Different Car workshop images and Car accessories and show details of various options for Car Servicing Packages
4. Write a HTML Script using HTML tags and CSS features for Flower Shop: Using CSS Selectors and Beautification Options show Output with various types of flower images and available stock of flowers in floweriest shop
5. Write a Java Script to accept Two Numbers from User and Print their Addition, Subtraction, Multiplication and Division. Make Use of Prompt function and display result on Browser's Screen
6.
 - 1.] Write a Java Script to Accept 3 Number from user using Prompt function and show result as Largest of three on browser's screen
 - 2.] Write a Java Script to display sum of integers for entered numbers on browsers screen (e.g. if users input 10 then result will be $0+1+2+3+4+5+6+7+8+9+10=55$)
7. Write a Java Script to Display Entered Array on Browsers Screen. perform Following operation and show updated content
 - a. 1. Display Entered Array
 - b. 2. Display Entered array in Ascending order
 - c. 3. Push element 25
 - d. 4. Display Updated Array
 - e. 5. Print Length of Array
 - f. 6. Show Element at Position No 3
8. Write a Java Script to display Multiplication table of entered values of rows and columns as follows

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25

Web Technology Laboratory

END SEM Assessments

Practical Problem Statement List

9. Write a JavaScript Code to take color value from user and apply color to background. Use of Div tag is mandatory
10. Write a JavaScript function that checks whether a Entered string is palindrome or not?
(Make use of Prompt function to take input)
11. A) Write a JavaScript function to add rows to a table.
B) Write a JavaScript program to find the area of a triangle where lengths of the three of its sides are 5, 6, 7.
12. Write a PHP script for numeric, associative and multidimensional array and perform all sorting functions on it.
13. Design a company registration form having the following fields = [companyID, companyName, Location, Department]. Write a PHP script to display all the registered companies and provide a search bar for searching the companies located in a specific city.
14. Design a company registration form having the following fields = [companyID, companyName, Location, Department, RegistrationDate].
Write a PHP script to display the company details registered before 18th May 2023
15. Design students admission form having the following fields
=[studentID,studentName,emailID,12thGrade,JEEScore] Write a PHP script to display top 5 students based on JEEscore.
16. Create the database table with the entries mentioned: [rollNo, studName, studDept, passingYear, classGrades] Grades should be either {First Class, Second Class, Pass} Design the UI as given below and show the appropriate result through PHP script

years:

☐ first class

☐ second class

☐ All

17. Develop a system to keep a record of student-mentor meetings. Student_Mentor = [studRollNo, studClass, studName, studContact, MentorName, issuesDiscussed]
Perform the following operations:
 - a. Insert the record;
 - b. Display the records only if the student is absent

Web Technology Laboratory
END SEM Assessments
Practical Problem Statement List

18. Develop a sports registration form having the following fields = [playerID, playerName, gameGenre, score].
Write a PHP script to display players with the highest score in cricket.
19. Design students admission form having the following fields
=[studentID,studentName,emailID,12thGrade,JEEScore, Department]
Write a PHP script to display top 5 students based on JEEScore enrolled to CSE department.
20. Design a login page for the system of your choice and display a welcome page with proper UI for the authentic users. Make use of PHP database Connection.
21. Create the database table with the entries mentioned: [rollNo, studName, studDept, passingYear, classGrades] Grades should be either {First Class, Second Class, Pass}. Write a PHP script to display the First class students from CSE department.
22. Create the database table with the entries mentioned: [rollNo, studName, studDept, passingYear, classGrades] Grades should be either {First Class, Second Class, Pass}. Write a PHP script to display the First-class students from CSE department.
23. Design a login page with CSS for a café administrator and display the welcome page with proper UI for the authentic users.
24. Write a PHP script to take number from user and print the table of that number.
25. Write a program to check student grade based on the marks using if-else statement.
Conditions:
 - i. If marks are 60% or more, grade will be First Division.
 - ii. If marks between 45% to 59%, grade will be Second Division.
 - iii. If marks between 33% to 44%, grade will be Third Division.
 - iv. If marks are less than 33%, student will be Fail.
26. Write a program to show day of the week (for example: Monday) based on numbers using switch/case statements.
Conditions:
 - i. You can pass 1 to 7 number in switch
 - ii. Day 1 will be considered as Monday
 - iii. If number is not between 1 to 7, show invalid number in default
27. Write a PHP program to find factorial of a number using recursive function. Take Input via Prompt function and show output on browser screen

Web Technology Laboratory
END SEM Assessments
Practical Problem Statement List

28. Write a program to calculate Electricity bill in PHP

Conditions:

- i. For first 50 units – Rs. 3.50/unit
- ii. For next 100 units – Rs. 4.00/unit
- iii. For next 100 units – Rs. 5.20/unit
- iv. For units above 250 – Rs. 6.50/unit

29. Write a PHP program to find Square Root of a number using PHP function. Take Input via Textbox and show output on browser screen.

30. Write a PHP Script with function to check whether a number is prime or not.

Note: A prime number (or a prime) is a natural number greater than 1 that has no positive divisors other than 1 and itself.

31. Write a PHP function script that checks whether a passed string is a palindrome or not?
(Take Input Through Textbox and Display result on Client Browser screen)

32. Write a PHP script to :-

- a) transform a string all uppercase letters.
- b) transform a string all lowercase letters.
- c) make a string's first character uppercase.
- d) make a string's first character of all the words uppercase.

33. Write a PHP program to compute and return the square root of a given number.

34. A) Write a PHP program to reverse the digits of an integer.

B) Write a PHP program to check whether a given positive integer is a power of four.

35. Write a PHP Function script to accept Temperature from user in Fahrenheit and convert it degree Celsius and Vice Versa with both separate output on browser screen.

36. Write a PHP Script to Add the following filed in Student Table with database connection:

- i. Roll Number
- ii. Name
- iii. City
- iv. Pin Code

Show the Result on Browser Screen through Display Record button

Web Technology Laboratory
END SEM Assessments
Practical Problem Statement List

37. Write a PHP script Add Record in Employee Table with Database connection:

- i. EMP No
- ii. Name
- iii. Department
- iv. Salary

Display Result of Employee having Salary Greater than 50000 Rs per month.

38. Write a PHP script Add Record in Users Table with Database Connection:

- i. User id
- ii. User Name
- iii. Password

Update the User Password using update option on browser screen and show updated result