

Web Technology Laboratory
Term Assessment-II
Practical Problem Statement List

1. Write a PHP script to take number from user and print the table of that number.
2. 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.
3. 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
4. Write a PHP program to find factorial of a number using recursive function. Take Input via Prompt function and show output on browser screen
5. 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
6. Write a PHP program to find Square Root of a number using PHP function. Take Input via Textbox and show output on browser screen.
7. 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.
8. 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)

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9. 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.
10. Write a PHP program to compute and return the square root of a given number.
11. Write a PHP program to reverse the digits of an integer.
12. Write a PHP program to check whether a given positive integer is a power of four.
13. 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.
14. 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
15. 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.
16. 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