

5 Years Integrated M.Sc. (IT)/ B.Sc. (IT)/ – Semester 5

IT5011 - Open Source Web Based Programming – Practical 1

1	<p>Write a program to check student grade based on the marks using if-else statement.</p> <p>Conditions:</p> <ul style="list-style-type: none">✓ If marks are 60% or more, grade will be First Division.✓ If marks between 45% to 59%, grade will be Second Division.✓ If marks between 33% to 44%, grade will be Third Division.✓ If marks are less than 33%, student will be Fail.
2	<p>Write a php program to:</p> <ol style="list-style-type: none">a) check whether given number is palindrome or not.b) print sum of digits.c) print factorial of a number.d) display text messages.e) print an array.f) create a simple calculatorg) find vowel checking a string.
3	<p>Write a PHP script to implement PHP function for following functionality based on user-inputted value.</p> <ol style="list-style-type: none">a) factorial of given numberb) find given number is prime or notc) reverse stringd) sort given arraye) check whether a passed string is palindrome or notf) check string is containing number, alphabets, special character
4	<p>Write a PHP script that inserts a new item in an array in any position.</p> <p>Expected Output:</p> <p>Original array: 1 2 3 4 5</p> <p>After inserting '\$' the array is: 1 2 3 \$ 4 5</p>
5	<p>Write a PHP script to sort the following associative array using menu driven programming:</p> <p>array("Ram"=>"19","Pooja"=>"25","Divya"=>"45","Nirmal"=>"53 ")</p> <ol style="list-style-type: none">a) return an array in the reverse orderb) search an array for the value "25" and return its keyc) ascending order sort by valued) ascending order sort by Keye) split an array into chunks of twof) descending order sorting by Valueg) descending order sorting by Key
6	<p>Write a PHP script to get the shortest string and longest string length from a given array.</p> <p>Example: array=("Sunil","Kevin","Jay","Gaurav","ArunShahShah","A")</p> <p>Expected Output:</p> <p>The shortest array length is 1.</p> <p>The longest array length is 12.</p>
7	<p>Write a PHP script to perform searching functionality from multi-dimensional array based on user inputted value.</p> <p>[Note: Multi-dimensional array has at least 3 x 3 and array value initialize array randomly].</p>
8	<p>Write a PHP program to validate an email address. [use concept of regular expression]</p>