**EXPERIMENT NO. 02**

**Title:** Control Statements in PHP

**Aim:** To understand and Apply the Control statements in PHP Language.

**Objective:** To implement the program on Control Statements in PHP

**Contents:**

* **Branching control Statements in PHP**
* **Looping Control Statements in PHP**
* **Unconditional Jumps in PHP**

**Problem Statements to perform in lab:**

## Problem Stmt1 : Input three numbers and find maximum between them.

## Problem Stmt2 : Write a program to print types of triangles taking lengths of 3 sides from user using nested if else statement.

## A triangle is equilateral triangle, If it's sides are equal.

## A triangle is isosceles triangle, If any two sides of a triangle are equal.

## A triangle is scalene triangle, If none of the sides are equal

## Problem Stmt3 : Input marks of five subjects from user, calculate percentage and print grade

|  |  |
| --- | --- |
| Percentage range | Grade |
| >=90 | Grade A |
| 80-89 | Grade B |
| 70-79 | Grade C |
| 60-69 | Grade D |
| 50-59 | Grade E |
| 40-49 | Pass |
| <40 | Fail |

## Problem Stmt4 : Write a C program to check whether a character is upper case or lower case

## (Check ASCII value range :65-90 Capital Letter and 97-122 lower case letter)

Problem Stmt5 : . Input two numbers from user and implement arithmetic calculator using switch case

case 1:-Addition

case 2:-substation

case 3:- multiplication

case 4:-division

case 5: Modulus

default case:- Print “wrong choice” .

## Problem Stmt6 : Find the [Sum of Digits](https://www.javatpoint.com/php-sum-of-digits)

## Problem Stmt7 : Write a PHP program to check prime number.

## Problem Stmt8 : Print Table of entered number

## Problem Stmt9 : Write a PHP program to check armstrong number.

## Problem Stmt10 : Write a PHP program to reverse given number.

## Problem Stmt11: Write a PHP program to check palindrome number.

## Problem Stmt12 : Write a PHP program to print fibonacci series

## Problem Stmt13 : Write a PHP program to print alphabet triangle.

## 

## Problem Stmt14: Write a PHP programs to print star triangle.

## 

**Conclusion:**

Write the crux of the experiment. Here crux means very important point, complicated and again it should be understandable by you. Do not write conclusion like thus we have studied the ……… in PHP programming.