

GLS University
Faculty of Computer Application & IT
221601507 Practicals on PHP
Assignment-2(Unit-2)
Assignment Date: 10/08/2025

Control Statements & Functions Practical Exercises

1. If Statement – Check Even or Odd

Objective: Write a PHP program to check whether a number is even or odd using the `if` statement.

Input: Any number.

Output: Print "Even" or "Odd".

2. If-Else – Age Eligibility

Objective: Accept age from the user and check if the person is eligible to vote ($\text{age} \geq 18$).

Input: Age through a form.

Output: "Eligible to Vote" or "Not Eligible".

3. Nested If – Grading System

Objective: Input marks and print grade:

- ≥ 90 : A
 - 75–89: B
 - 50–74: C
 - < 50 : Fail
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4. Switch Case – Day of the Week

Objective: Write a program that takes a number (1–7) and prints the corresponding day of the week using `switch case`.

5. Loop – Print 1 to 10

Objective: Use a `for` loop to print numbers from 1 to 10.

Extension: Try using `while` and `do...while` as well.

6. Loop with Condition – Multiplication Table

Objective: Write a program to print the multiplication table of a given number using a loop (e.g., $5 \times 1 = 5 \dots 5 \times 10 = 50$).

7. Function – Greeting Message

Objective: Create a function `greet ()` that prints "Welcome to PHP programming!"

Extension: Call it multiple times.

8. Function with Parameters – Addition

Objective: Define a function that accepts two numbers and returns their sum. Call the function with different values.

9. Pass by Value vs Reference

Objective: Create two functions:

- One that accepts a variable by value and changes it.
 - Another that accepts a variable by reference and changes it.
Observe the difference in behavior.
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10. Use of Built-in Functions

Objective: Accept a string and:

- Print length (`strlen`)
 - Convert to uppercase (`strtoupper`)
 - Reverse the string (`strrev`)
 - Count words (`str_word_count`)
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