**Question 1**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Ascending Order</title>

</head>

<body>

<h2>Enter Three Numbers</h2>

<form method="post">

<label for="num1">Number 1:</label>

<input type="text" id="num1" name="num1"><br><br>

<label for="num2">Number 2:</label>

<input type="text" id="num2" name="num2"><br><br>

<label for="num3">Number 3:</label>

<input type="text" id="num3" name="num3"><br><br>

<input type="submit" name="submit" value="Sort Numbers">

</form>

<?php

// Check if form is submitted

if(isset($\_POST['submit'])){

// Retrieve input values

$num1 = $\_POST['num1'];

$num2 = $\_POST['num2'];

$num3 = $\_POST['num3'];

// Convert inputs to integers

$num1 = intval($num1);

$num2 = intval($num2);

$num3 = intval($num3);

// Sort numbers in ascending order

$numbers = array($num1, $num2, $num3);

sort($numbers);

// Output the sorted numbers

echo "<h2>Sorted Numbers:</h2>";

foreach ($numbers as $number) {

echo $number . "<br>";

}

}

?>

</body>

</html>

**QUESTION 2**

<?php

function smallestIndex($array, $size) {

if ($size <= 0) {

return -1; // Return -1 if the array is empty or size is invalid

}

$minIndex = 0; // Assume the first element is the smallest

for ($i = 1; $i < $size; $i++) {

if ($array[$i] < $array[$minIndex]) {

$minIndex = $i; // Update the index of the smallest element if found

}

}

return $minIndex;

}

// Test the function

$array = [5, 3, 9, 1, 7];

$size = count($array);

$smallestIndex = smallestIndex($array, $size);

if ($smallestIndex != -1) {

echo "The smallest element is at index: " . $smallestIndex;

} else {

echo "Array is empty or size is invalid.";

}

?>

**QUESTION 3**

<?php

// Prompt the user to input a string

echo "Enter a string: ";

$inputString = readline();

// Convert the string to uppercase using a character array

$charArray = str\_split($inputString);

$uppercaseString = "";

foreach ($charArray as $char) {

$uppercaseString .= strtoupper($char);

}

// Output the string in uppercase

echo "Uppercase string: " . $uppercaseString . "\n";

?>

**QUESTION 4**

<?php

// Function to add two matrices

function addMatrices($matrix1, $matrix2, $rows, $columns) {

$resultMatrix = array();

for ($i = 0; $i < $rows; $i++) {

for ($j = 0; $j < $columns; $j++) {

$resultMatrix[$i][$j] = $matrix1[$i][$j] + $matrix2[$i][$j];

}

}

return $resultMatrix;

}

// Function to display a matrix

function displayMatrix($matrix, $rows, $columns) {

for ($i = 0; $i < $rows; $i++) {

for ($j = 0; $j < $columns; $j++) {

echo $matrix[$i][$j] . " ";

}

echo "\n";

}

}

// Prompt the user to enter the size of the matrices

echo "Enter the number of rows for the matrices: ";

$rows = intval(readline());

echo "Enter the number of columns for the matrices: ";

$columns = intval(readline());

// Initialize matrices

$matrix1 = array();

$matrix2 = array();

// Prompt the user to input elements for matrix 1

echo "Enter elements for matrix 1:\n";

for ($i = 0; $i < $rows; $i++) {

echo "Row " . ($i + 1) . ":\n";

for ($j = 0; $j < $columns; $j++) {

echo "Element " . ($j + 1) . ": ";

$matrix1[$i][$j] = intval(readline());

}

}

// Prompt the user to input elements for matrix 2

echo "Enter elements for matrix 2:\n";

for ($i = 0; $i < $rows; $i++) {

echo "Row " . ($i + 1) . ":\n";

for ($j = 0; $j < $columns; $j++) {

echo "Element " . ($j + 1) . ": ";

$matrix2[$i][$j] = intval(readline());

}

}

// Compute the addition of the matrices

$resultMatrix = addMatrices($matrix1, $matrix2, $rows, $columns);

// Display the result

echo "\nMatrix 1:\n";

displayMatrix($matrix1, $rows, $columns);

echo "\nMatrix 2:\n";

displayMatrix($matrix2, $rows, $columns);

echo "\nSum of the matrices:\n";

displayMatrix($resultMatrix, $rows, $columns);

?>

**QUESTION 5**

<?php

// Declare the array alpha of 50 components

$alpha = array();

// Initialize the array according to the given conditions

for ($i = 0; $i < 50; $i++) {

if ($i < 25) {

$alpha[$i] = pow($i, 2); // Square of the index variable for the first 25 components

} else {

$alpha[$i] = 3 \* $i; // Three times the index variable for the last 25 components

}

}

// Output the array with 10 elements per line

echo "Array alpha:\n";

for ($i = 0; $i < 50; $i++) {

echo $alpha[$i] . " ";

// Print a newline after every 10 elements

if (($i + 1) % 10 == 0) {

echo "\n";

}

}

?>