**Problem 1:-** Write a PHP function to sort an array of strings by their length, in ascending order.

**Solution:**

<?php

function sortStringsByLength(array $strings): array {

usort($strings, function($a, $b) {

return strlen($a) - strlen($b);

});

return $strings;

}

$strings = array("apple", "banana", "cherry", "date");

$sortedStrings = sortStringsByLength($strings);

print\_r($sortedStrings);

**Problem 2:-** Write a PHP function to concatenate two strings, but with the second string starting from the end of the first string.

**Solution:**

<?php

function concat\_reverse($str1, $str2) {

$len1 = strlen($str1);

$len2 = strlen($str2);

$newstr = '';

for ($i = $len1 - 1; $i >= 0; $i--) {

$newstr .= $str1[$i];

}

for ($i = $len2 - 1; $i >= 0; $i--) {

$newstr .= $str2[$i];

}

return $newstr;

}

$str1 = "hello";

$str2 = "world";

$result = concat\_reverse($str1, $str2);

echo $result.PHP\_EOL;

**Problem 3:-** Write a PHP function to remove the first and last element from an array and return the remaining elements as a new array.

**Solution:**

<?php

function removeFirstAndLast($arr) {

array\_shift($arr);

array\_pop($arr);

return $arr;

}

$myArray = array(1, 2, 3, 4, 5);

$newArray = removeFirstAndLast($myArray);

print\_r($newArray);

**Problem 4:-** Write a PHP function to check if a string contains only letters and whitespace.

**Solution:**

function containsOnlyLettersAndWhitespace($str) {

return preg\_match('/^[a-zA-Z\s]+$/', $str) === 1;

}

echo containsOnlyLettersAndWhitespace("hello").PHP\_EOL;

**Problem 5:-** Write a PHP function to find the second largest number in an array of numbers.

**Solution:**

function findSecondLargest($arr) {

$largest = null;

$secondLargest = null;

foreach ($arr as $num) {

if ($largest === null || $num > $largest) {

$secondLargest = $largest;

$largest = $num;

} else if ($num !== $largest && ($secondLargest === null || $num > $secondLargest)) {

$secondLargest = $num;

}

}

return $secondLargest;

}

$numbers = array(3,5,6,7,8,99,32);

$secondLargest = findSecondLargest($numbers);

echo "The second largest number is: ".$secondLargest;