Program 13

Build a PHP code to store name of students in an array and display it using print_r function. Sort and display the same using asort & arsort functions.

sort.php:

```
<html>
<head>
<title>Student Names</title>
<style>

  body{
    font-family: Arial, sans-serif;
    background: #f4f4f9;
    margin:0;
    padding:0;
  }
  .container{
    width: 50%;
    margin: 50px auto;
    background: white;
    padding: 30px;
    border-radius: 10px;
    box-shadow: 0 0 15px rgba(0,0,0,0.1);
    text-align: center;
  }
  h1{
    color:#333;
    margin-bottom:20px;
  }
  label{
    font-size:16px;
```

```css
    color:#444;
  }
  input[type="text"]{
    width: 80%;
    height: 40px;
    border-radius: 5px;
    border: 1px solid #aaa;
    padding-left:10px;
    font-size:15px;
    margin-top:10px;
  }
  button{
    margin-top:20px;
    padding:10px 20px;
    font-size:16px;
    background:#007bff;
    color:white;
    border:none;
    border-radius:5px;
    cursor:pointer;
  }
  button:hover{
    background:#0056b3;
  }
  h2{
    color:#222;
    margin-top:30px;
  }
  .output-box{
    background:#fafafa;
    border: 1px solid #ddd;
    padding:10px;
```

```
                border-radius:5px;

                width:80%;

                margin: 10px auto;

                font-size:16px;

            }

</style>

</head>

<body>

<center>

<h1>Student List</h1>


<form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>">

<label>Enter student names in format 'Name:rollNumber' separated by

comma:</label><br><br>

<input type="text" style="width:300px; height:40px;" name="student_names"

required><br><br>

<button type="submit">Submit</button>

</form>


<?php

if ($_SERVER["REQUEST_METHOD"] == "POST") {


$namesInput = $_POST["student_names"];

$students = explode(",", $namesInput);

$studentNames = [];


// Create array roll => name


foreach ($students as $student) {

list($name, $roll) = explode(":", $student);

$studentNames[trim($roll)] = trim($name);

}
```

```php
// Function to print array in one line
function print_single_line($arr) {
foreach ($arr as $roll => $name) {
echo "$roll => $name ";
}
}

echo "<h2>Student Names</h2>";
print_single_line($studentNames);

asort($studentNames);
echo "<h2>Ascending Order</h2>";
print_single_line($studentNames);

arsort($studentNames);
echo "<h2>Descending Order</h2>";
print_single_line($studentNames);
}
?>

</center>
</body>
</html>
```

OUTPUT:

Student List

Enter student names in format 'Name:rollNumber' separated by comma:

[   ]

[Submit]

Student Names

40 => shafin 38 => fahis 42 => nandana 50 => saneeya 27 => diya

Ascending Order

27 => diya 38 => fahis 42 => nandana 50 => saneeya 40 => shafin

Descending Order

40 => shafin 50 => saneeya 42 => nandana 38 => fahis 27 => diya