

**8a. Develop a PHP program (with HTML/CSS) to keep track of the number of visitors visiting the web page and to display this count of visitors, with relevant headings.**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Visitor Counter</title>
  <style>
    body { font-family: Arial, sans-serif; text-align: center; margin-top: 50px; }
    h1 { color: #333; }
    p { font-size: 1.2em; }
  </style>
</head>
<body>
  <?php
    $file = 'counter.txt';
    $count = file_exists($file) ? (int)file_get_contents($file) : 0;
    file_put_contents($file, ++$count);
  ?>
  <h1>Visitor Counter</h1>
  <p>Number of Visitors: <strong><?php echo $count; ?></strong></p>
</body>
</html>
```

**8b. Develop a PHP program (with HTML/CSS) to sort the student records which are stored in the database using selection sort.**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Sort Student Records</title>
    <style>
        body { font-family: Arial, sans-serif; text-align: center; margin-top: 20px; }
        table { margin: auto; border-collapse: collapse; width: 80%; }
        th, td { padding: 10px; border: 1px solid #ddd; }
        th { background-color: #f4f4f4; }
    </style>
</head>
<body>
    <h1>Sorted Student Records</h1>
    <table>
        <tr><th>ID</th><th>Name</th><th>Grade</th></tr>
        <?php
            $conn = new mysqli("localhost", "root", "", "students124");

            $students = $conn->query("SELECT * FROM
students124")->fetch_all(MYSQLI_ASSOC);
```

```

for ($i = 0; $i < count($students) - 1; $i++) {
    $min = $i;
    for ($j = $i + 1; $j < count($students); $j++) {
        if ($students[$j]['name'] < $students[$min]['name']) $min = $j;
    }
    $temp = $students[$min];
    $students[$min] = $students[$i];
    $students[$i] = $temp;
}

foreach ($students as $student) {
    echo
"<tr><td>{$student['id']}</td><td>{$student['name']}</td><td>{$student['grade']}
</td></tr>";
}

$conn->close();

?>

</table>

</body>

</html>

```