Slip 26: HTML Program - PHP Database Query

```html
<html>
<body>
  <form action="slip26.php" method="POST">
    Enter Hospital Name: <input type="text" name="hospital"><br>
    <input type="submit" value="Find Doctors">
  </form>
</body>
</html>
```

PHP File (slip26.php)

```php
<?php
$hospital = $_POST['hospital'];
$conn = new mysqli('localhost', 'username', 'password', 'database');

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$sql = "SELECT dname FROM Doctor WHERE doc_no IN (SELECT doc_no FROM
Doctor_Hospital WHERE hosp_no IN (SELECT hosp_no FROM Hospital WHERE hname =
'$hospital'))";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    echo "Doctors visiting $hospital:<br>";
    while ($row = $result->fetch_assoc()) {
        echo $row['dname'] . "<br>";
    }
} else {
    echo "No doctors found.";
}
$conn->close();
?>
```

Slip 26: Python Program - Random Array Plotting

```python
import numpy as np
import matplotlib.pyplot as plt

data = np.random.randint(1, 100, 50)

plt.plot(data, color='blue')
plt.title('Line Chart')
plt.show()

plt.scatter(range(50), data, color='red')
plt.title('Scatter Plot')
plt.show()

plt.hist(data, bins=10, color='green')
plt.title('Histogram')
plt.show()
```

```
plt.boxplot(data)
plt.title('Box Plot')
plt.show()
```

Slip 26: Python Program - Bar Chart for Subjects and Marks

```
import matplotlib.pyplot as plt

subjects = ['Math', 'Physics', 'Chemistry', 'English', 'Biology']
marks = [85, 90, 78, 88, 92]

plt.bar(subjects, marks, color='skyblue')
plt.title('Marks in Subjects')
plt.xlabel('Subjects')
plt.ylabel('Marks')
plt.show()
```