

Slip 29: HTML Program - PHP String Manipulation with Delete and Insert

```
<html>
<body>
  <form action="slip29.php" method="POST">
    Enter a sentence: <input type="text" name="sentence"><br>
    Word to remove: <input type="text" name="remove"><br>
    Position to insert: <input type="text" name="insert_position"><br>
    Word to insert: <input type="text" name="insert_word"><br>
    <input type="submit" value="Process">
  </form>
</body>
</html>
```

PHP File (slip29.php)

```
<?php
$sentence = $_POST['sentence'];
$remove = $_POST['remove'];
$insert_position = $_POST['insert_position'];
$insert_word = $_POST['insert_word'];

$new_sentence = str_replace($remove, '', $sentence);
$new_sentence = substr_replace($new_sentence, $insert_word, $insert_position,
0);

echo "Modified Sentence: $new_sentence";
?>
```

Slip 29: Python Program - DataFrame Manipulation

```
import pandas as pd

df = pd.DataFrame({
    'name': ['John', 'Jane', 'Jake', 'Jill', 'Josh'],
    'age': [21, 22, 23, 21, 22],
    'percentage': [85, 90, 75, 88, 92]
})

df['remarks'] = ''
print('DataFrame with remarks:')
print(df)

df = df.append({'name': 'Duplicate', 'age': 21, 'percentage': 85, 'remarks':
''}, ignore_index=True)
print('DataFrame after adding duplicates:')
print(df)
```