</>

Question 7

Write a Php program to check whether the given string is palindrome or not.

```
<html>
<head>
    <title>Program Seven</title>
    <style>
        body { /* this is optional css */
            border: 5px solid black;
            display: inline-block;
            padding: 15px;
            font-family: "Lucida Sans";
            line-height: 2rem;
        }
    </style>
</head>
<body>
    <form action="" method="post">
        Enter the string:
        <input type="text" name="string" required>
        <br><br>
        <input type="submit" value="Submit" name="submit">
        <input type="reset" value="Clear"><br><br>
    </form>

    <?php
        if (isset($_POST["submit"])) {
            $theStr = $_POST["string"];

            echo "The string is: $theStr<br>";

            $rep = str_replace(' ', '', $theStr);

            echo "The replaced string is: " . $rep . "<br>";

            $lower = strtolower($rep);

            echo "Lower string: " . $lower . "<br>";
```
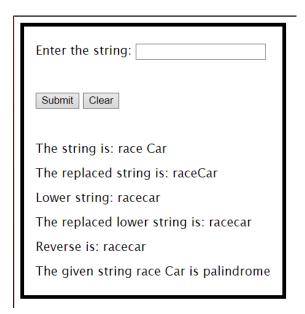
```
            $prog = preg_replace('/[^A-Z, a-z, 0-9\-]/', '', $lower); //regular expression

            echo "The replaced lower string is: " . $prog . "<br>";

            $rev = strrev($prog);

            echo "Reverse is: " . $rev . "<br>";

            if ($prog == $rev) {
                echo "The given string $theStr is palindrome";
            } else {
                echo "The given stirng $theStr is not palindrome";
            }
        }
    ?>
</body>
</html>
```

Output:

Enter the string: [   ]

[Submit] [Clear]

The string is: race Car

The replaced string is: raceCar

Lower string: racecar

The replaced lower string is: racecar

Reverse is: racecar

The given string race Car is palindrome