

Beispiellösung zur praktischen Übung in PHP ohne Zusatzaufgaben

```
----- begin - love_match.htm -----
<html>
  <head>
    <title>Love Match</title>
  </head>
  <body>
    <h1>Love Match</h1>
    <form name="FormName" action="love_match_result.php" method="post">
      <table border="0" cellpadding="0" cellspacing="8">
        <tr>
          <td>name of a person</td>
          <td><input type="text" name="name1" size="24"></td>
        </tr>
        <tr>
          <td>name of an other person</td>
          <td><input type="text" name="name2" size="24"></td>
        </tr>
        <tr>
          <td colspan="2">
            <div align="center"><input type="submit" name="submit" value="calculate"></div>
          </td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

```
----- end - love_match.htm -----
----- begin - love_match_result.php -----
<?
  include("love_calc.php");
?>
```

```
<html>
  <head>
    <title>Love Match - Result</title>
```

```

</head>
<body>
  <h1>Love Match - Result</h1>
  <?
    echo "<p>For: ".$name1." and ".$name2."</p>\n";
    echo "<p><b>".love_string(calc_love($name1,$name2))."</b></p>\n";
  ?>
  <p>
    <br>
    <br><i>Remark: Don't take the answers too serious, it's just a game ;-)</i>
    <br>
    <br><a href="love_match.htm">new match</a>
  </p>
</body>
</html>

```

----- end - love_match_result.php -----

----- begin - love_calct.php -----

```

<?

// this function returns a number for every string
function calc_str_x($name) {
    $count = 0;

    for ($i=0; $i<=strlen($name)+1; $i++) {
        $count += ord(substr($name,$i,$i+1));
    }
    return $count;
}

// this function returns a number for every pair of strings
// the returned number is in the interval between 0 and max
function calc_love($name1, $name2) {
    $max = 15;
    $count1 = calc_str_x($name1);
    $count2 = calc_str_x($name2);
    return (abs($count1-$count2))%($max+1);
}

```

```

// this function returns a love string for every number between 0 and 15
function love_string($val) {
    switch ($val) {
        case 0:
            return "They are the absolute dream pair and will stay together happily till the end of their life";
        case 1:
            return "They would better look out for new partners";
        case 2:
            return "Sorry, there is no future for them!";
        case 3:
            return "The princess has found her prince.";
        case 4:
            return "There is no obstacle for a relationship.";
        case 5:
            return "They are a good team but not more.";
        case 6:
            return "They are only interested in one thing at each other.";
        case 7:
            return "The frog will stay a frog also after a magic kiss.";
        case 8:
            return "They should not see each other for a while.";
        case 9:
            return "Their love is not deep enough, but has a chance to grow.";
        case 10:
            return "There is no chance for common future.";
        case 11:
            return "They will become old and grey together.";
        case 12:
            return "One of them loves the other much more. This can be dangerous.";
        case 13:
            return "Sorry, but this is not real love.";
        case 14:
            return "They would do very well, but they should give each other more presents.";
        case 15:
            return "With a bit more understanding they would be a great couple.";
    }
}
?>
----- end - love_calc.htm -----

```