

```

<?php
    $secretWord='testing';
    $sofar='';
    $output='';
    $guess='?';
    if( isset($_POST['sofar']) ){
        $sofar=$_POST['sofar'];
        $guess=$_POST['guess'];
        $numGuesses=strlen($sofar);
        if (strlen($guess)===1) {
            // one character entered
            $sofar .= $guess;
            for ($i=0; $i< strlen($secretWord); $i++) {
                $ch=$secretWord[$i];
                $outch='_';
                for ($j=0 ; $j < strlen($sofar); $j++) {
                    if ($ch === $sofar[$j]) {
                        $outch=$ch;
                    }
                }
                $output .= $outch;
            }
            $output.='<br/>';
        } else {
            // it's a guess
            if ($guess === $secretWord) {
                $output.="You got it in $numGuesses trials<br/>";
            } else {
                $output.="That's wrong! (Game over?)<br/>";
            }
        }
    } else {
        $output.='Key in one character or your guess:<br/>';
    }
}
?>

```

```
<!DOCTYPE html>
<html>
  <head>
    <title>Guess a word | Mike's Example</title>
  </head>
  <body>
    <h1>Guess a word</h1>
    <div class="content">
      <br/>
      <?php echo $output ?>
      <br/>
      <form action="GuessWord.php" method="POST" >
        <input type="text" name="guess" />
        <input type="submit" value="SUBMIT" />
        <input type="hidden" name="sofar" value="<?php echo $sofar ?>" />
      </form>
    </div>
  </body>
</html>
```