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<!DOCTYPE html>
<!--
  Prog: hellouser.html
  Name: Student Name
  Date: 2018-03-18
  Desc: Says hello to the user.
-->

<html>
  <body>
    <!-- Input for the user's name. -->
    <input type="text" id="user">

    <script>
      // Get the user's name and say hello.
      var user = document.getElementById('user').value;
      alert('Hello ' + user + ', my name is Computer.');
    </body>
  </html>

```

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<!DOCTYPE html>

<html>
  <body>

    <h1>Welcome to the lottery. Guess the magic number between 1 and 10!</h1>
    <input type="number" id="guess" min="1" max="10">
    <button onclick="submit()">Guess!</button>

    <script>
      function submit() {

        var guess = parseInt(document.getElementById('guess').value);
        var answer = Math.floor(Math.random() * 10) + 1;

        if (guess == answer) {
          alert('You win!');
        } else {
          alert('You lose!');
        }
      }
    </script>
  </body>
</html>

```