# Exercise\_12\_2: The Suggestion Box Application - remembering user input

In this exercise, you will enhance the Suggestion Box Application so that the last suggestion provided by the user is stored in a cookie. You will use this cookie to prevent the user from accidentally entering the same suggestion twice, and to allow a successful login to persist, even if the browser is shut down and restarted.

## Instructions

### Open and test the application

1. Start with the exercise\_12\_2.zip file provided by your instructor.
2. Create an exercise\_12\_2 folder in htdocs, and create a new NetBeans project as done in previous exercises. If necessary, create the user and database named “suggestionbox” (if they don’t already exist from a previous exercise.) The password to use for the suggestionbox user is secret123.
3. If necessary, run the SQL commands found in suggestionbox.sql.
4. Test the application. The application should successfully write suggestions into the suggestions table.
5. Inspect the code.

### Use a cookie to store user input

1. Edit index.php. Using the setcookie command, create a cookie named **lastsuggestion**. Every time a suggestion is written to the database, store it in the cookie.
2. Using this cookie, enforce the following rule: If a user attempts to enter the exact same suggestion twice, display the message Please provide a NEW suggestion
3. Test your application to verify that it works as expected.
4. Enter a suggestion. Using your browser options (for example, in Firefox History/Clear Recent History) clear your browser’s cookies. Enter the exact same suggestion again. This should be permitted because the value of lastsuggestion was stored in a cookie.

### Remember me on this computer

1. Add a checkbox to the login page with the label “Remember me on this computer”. Use a cookie to allow login to persist for 24 hours unless the user explicitly clicks the logout link.
2. Add logic to logout.php to delete the cookie you created in the previous step.

### Upload your work

1. Upload your work to the class server so that it is visible at a URL with the following format:  
     
   <http://mis3501.temple.edu/tux99999/exercise_12_2>