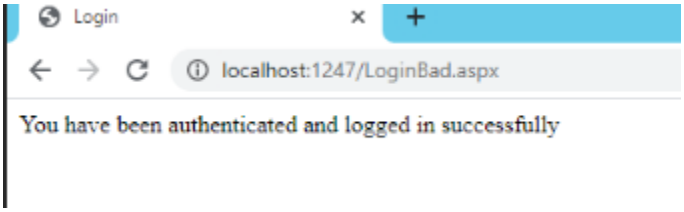
Lab: SQLi

- This is due tonight and worth 10 points.
- Use the following naming convention: homework, underscore, last name, first initial, and extension (e.g., Lab_SQLi_ImG.docx).

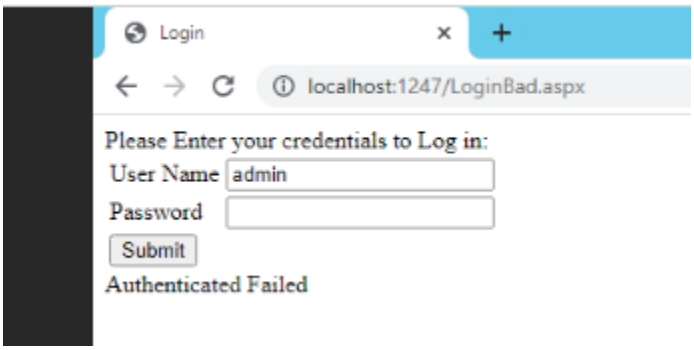
[Task] SQL Injection

Click the link to test out the **BAD login** page. And answer the following two questions.

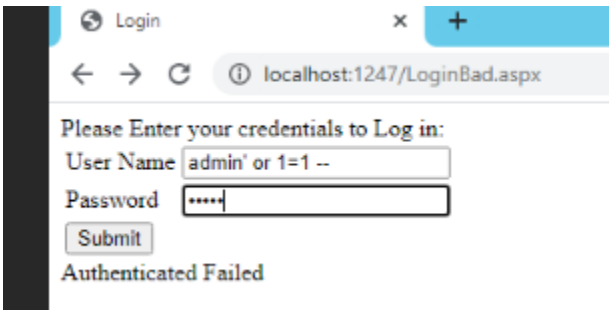
1.a Enter “admin” / “monkey” for login. Report the result in a screenshot.

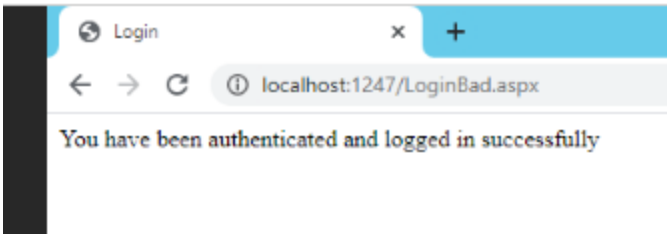


1.b Enter "admin" for User Name and any arbitrary password for Password. Report the result in a screenshot.



2. Use an injection and show that you can log in without using any credentials. Show the injection you used. Report the result after the successful injection in a screenshot.





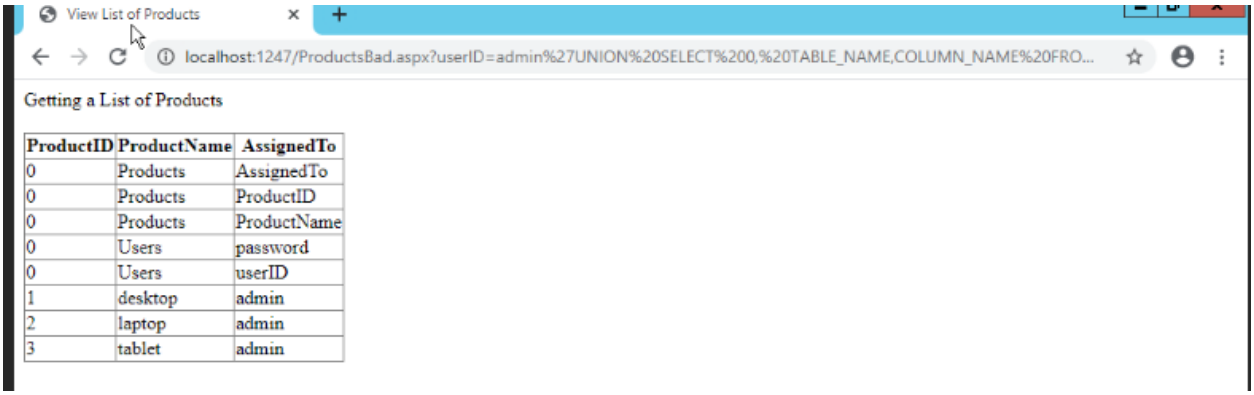
Click the link to test out the **BAD product** page.

3. Click the link at the bottom of the page. Explain how you've got that result.

It is overriding the normal sql function and displaying usernames and passwords instead of products.

Stay on the **BAD product** test page for the remaining questions.

4. Create an injection to figure out Table Name, Column Name in the database you currently are connected to. Use Union and Information schema view. Report the result in a screenshot. [Hint: Apply the class slide with the title "Attacks using UNION."



ProductID	ProductName	AssignedTo
0	Products	AssignedTo
0	Products	ProductID
0	Products	ProductName
0	Users	password
0	Users	userID
1	desktop	admin
2	laptop	admin
3	tablet	admin

5. Create an injection to list all the logins and their passwords in the current MSSQL instance. Use Union and Catalog view. Report the result in a screenshot.

6. Create an injection to list all the database names in the current MSSQL instance. Use Union and Catalog view. Report the result in a screenshot.

7. Create an injection to list all the system tables in the current MSSQL instance. Use Union and Catalog view. Report the result in a screenshot.