2023 TPE/P1/Q2 (extension)

Q1. Create a database (can use DBbrowser) for the following:

Name	UserID	Password
Reeve	reeve2806	Me$Rich
John	john1406	MeBes+
Alison	ali1312	Ta13nt

Q2. Create a web application for the users to login using their UserID and Password.

- If login fails, a suitable error message should be shown.
- If login is successful, print a simple welcome message.

Q3.Create a relational database (no need create and insert using python) based on the ERD and table description in the TPE question, use the following data:

Name	Post	Tags
Reeve	Exciting times ahead in the world of space exploration! Our Starship is making incredible progress, with sights set on Mars!	#rich, #space
John	Space Force is a true testament to America's innovation and commitment to securing our future in the final frontier!	#USA, #space
Reeve	Being rich isn't just about money; it's about enriching the world with innovation, progress, and a better future for all.	#rich
Alison	Seattle that was genuinely one of my favorite weekends ever. Thank you for everything.	#USA, #music, #love
John	Thank you to the brave men and women in our armed forces who sacrifice so much to keep us safe. Your dedication is unmatched!	#USA, #love
Alison	Music has this incredible ability to express emotions that sometimes words can't capture. It's a beautiful language that unites us all.	
John	Celebrating another record-breaking stock market day! Investor confidence in America is soaring, thanks to our pro-business policies.	#stocks, #rich

Note: This practice question does not include timestamp or title for simplicity.

Q4. Create a html page that allows users to request for posts made by a specific user.

[optional] Q5. (difficult) Create a html form that allows users to add posts to the database.

The following post was made.

UserID	Post	Tags
john1406	It's freezing and snowing in New York--we need global warming!	#scam, #USA

Test your webpage using the post above.