The following 5 listed code items I have solved :

1. Validate the forms on your contact page. Ensure that all text has content, and that the content confirms to requirements (You decide and document what those requirements are).
2. When the form has been validated, show a confirm dialog box that displays that data entered and asks the user if that data entered is correct. If yes, thank the visitor and submit the form. If no, prevent the form from submitting so users can go back and make adjustments where necessary.Ensure the form fields remain populated with data.

**Why I attempted these code items:** Because we learned a lot about form validation in the class both in php and javascript. For the first problem I used class lecture’s documentation but for the second part I made the function by myself from my javascript knowledge.

**Where to check the codes:** First you have to setup a database . My database filename is **login.sql** which is located project\_sabah -> www->login.sql. Then you have to open **form.php** file (which is also located in www folder) in your preferred browser. Then login with any sets of username and password.

Choice 1. Username**: peterrabit** Password:**123**

Choice 2. Username: **benzaminrabit** Password:**456**

Choice 3.Username: **lilyrabit** Password:**789**

Once you have logged in go to **contact-us** page from the navigation bar. The forms first name , last name and email address might be filled up because of requirements for another exercise. You can delete and check the validation process.

1. Provide code for a Login feature. Once the user logs in successfully, every page of the site will display the user’s login name, along with a link allowing them to logout at any time.You can achieve this by either utilising Ajax, or hardcoding a username and password into a basic Javascript routine. You will need to use cookies to maintain a logged in state across all pages of the website. Use either php or javascript to set the cookies. Store a list of usernames and passwords in a database table.
2. If the user has logged in and they fill out the Enquire form, automatically fill in the Name and Email fields when the user loads the contact.htm page from the corresponding fields in the database.

**Why I attempted these code items:** I learned session and php during class time and found these exercise challenging. I watched videos in youtube about making log in forms But they were partially matched to problem’s requirement, so I took idea from them but did the exercise by myself specially 4th one.

**Where to check the codes:** Once you logged in as before you can see every page(**index.php, staff.php** and **contact-us.php**) is showing on the top Hello, firstname(of user) and a logout link. And when you go to contact-us page the form should be automatically filled up.

1. Add functionality that allows the user to enter the name of an item into a search field. As they type, a list of possible matches should appear. The user can select an item on the list to place it into the search textbox.

**Why I attempted these code items:** I thought this exercise would be easy relative to others. Only needs html, css and two javascript functions. That’s why I attempted. Taking idea from the code for create / filter search list in w3c school’s javascript tutorial, I solved the problem.

**Where to check the codes:** To check the functionality please go to **staff.php** page. In the input box under the image You can try any of these names ( **Adele, Agnes, Billy, Bob, Calvin, Christina, cindy**).