LAB EXPERIMENT LIST

1. Create your personal website using HTML, CSS and Javascript and host it on **Heroku**.

Do some research on the web on what a personal website should contain and try to incorporate those ideas on your personal site

Visit the following link for the website deployment procedure in heroku.

<https://devcenter.heroku.com/articles/deploying-php#deploy-your-application-to-herok>

2. Using Bootstrap5 and HTML5 Update the website described in experiment#1.   
you can use icon-fonts like (font-awesome, glypican etc). After completion, host the site in Heroku and submit the link.

3. **JSON based book database**  
Use the attached books.json file and build a PHP application to READ, SAVE and DELETE and SEARCH book from the file.

books.json link:  
<https://drive.google.com/file/d/186pikbrb8lqQAjRZ49gxzvqhpRASj_Nq/view?usp=sharing>

4. Convert the previous bookstore app to read data from database using PDO instead of json file.

5. Use laravel web framework to create a complete bookstore applications with the following features:   
  
a. User registration and login   
b. Book search, Add, edit, delete capability   
c. Book borrow/purchase functionality