THE HUNAR FOUNDATION

RAAS INSTITUTE OF EMERGING TECHNOLOGIES

Final Term Assessment

Trade: Advance Web Application Development Batch: July-2023

Duration 3 Hrs. Total Marks: 100

Student Name: \_\_\_shahida\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID:

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Tools &amp; Equipments to be provided per candidate

Laptop Internet

VS Code/XAMMP/MySQL/GitHub

Instructions:

● Answer the multiple-choice questions (MCQs) by accessing the provided Google Form

link.

● Upload your project to GitHub and submit the link to your repository through the

designated Google Form link.

● In case of any inconvenience, upload your project folder directly to the Google Form.

● Upload your paper in the .docx format through Google Forms.

● Download the provided file and either edit it directly in Google Docs or open it in

compatible software. After editing, please rename the file using your name and submit it

through the Google Form

Theory: Marks: 20

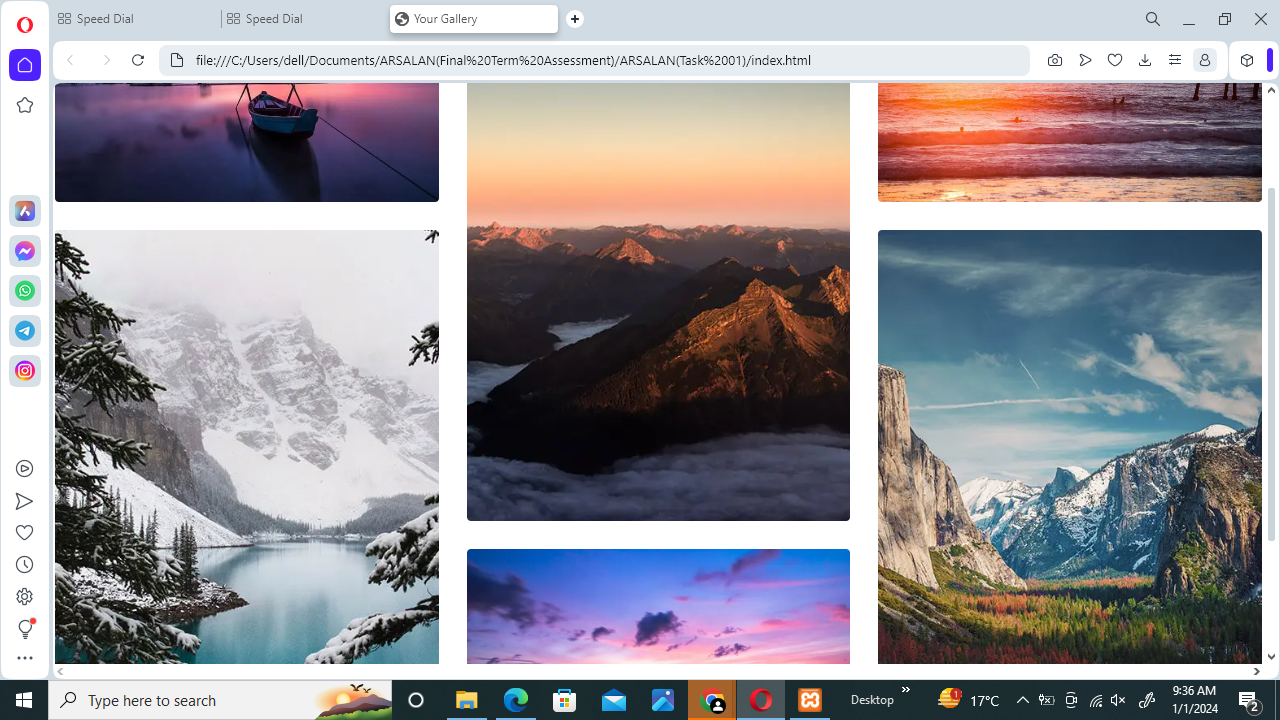
1. MCQs: https://forms.gle/envEDGzPRBDQ3qb69

Practical: Marks: 80

TASK 01: Front-End Development Marks: 20

● Create a responsive “Photo-Gallery” application using bootstrap components.

Output



TASK 02: Class Inheritance Scenario Marks: 30

In the context of an educational institution, you are tasked with designing a class hierarchy to

manage information about individuals associated with the institution. You have a base class

called Person with attributes id, name, and age. Additionally, there are two derived

classes, Student and Professor, both inherited from the Person class.

Person Class: Marks: 10

● Attributes: id, name, age

● Constructor: Initializes the attributes with values passed as parameters.

Student Class: Marks: 10

● Attributes: courseEnrolledFor

● Constructor: Inherits the constructor from the Person class and initializes the

courseEnrolledFor attribute.

● Method: displayInfo() to display information, including id, name, age, and the

course enrolled for.

Professor Class: Marks: 10

● Attributes: courseTeach

● Constructor: Inherits the constructor from the Person class and initializes the

courseTeach attribute.

● Method: displayInfo() to display information, including id, name, age, and the

course they teach.

Implement these classes in PHP. Create objects of the Student and Professor classes with values

initialized through constructors. Finally, display the information for both the student and the

professor.

Output:

