Q.1)

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Internal and External CSS</title>

<style>

.img{

height: 120px;

width: 120px;

border: 2px solid white;

border-radius: 50%;

}

#box{

height: 620px;

width: 500px;

border: 1px solid;

margin: 0 auto;

background-image: conic-gradient(rgb(231, 121, 207) 90deg,rgb(253, 98, 183) 180deg,rgba(243, 166, 224, 0.644) 270deg,rgb(238, 141, 194));

}

#card{

height: 520px;

width: 380px;

margin: 0 auto;

margin-top: 45px;

border-radius: 10px;

background-color: white;

box-shadow: 5px 5px 5px gray;

}

#image{

padding-top: 120px;

margin-left: 120px;

}

#sub1{

height: 35%;

background-color: blueviolet;

border-radius: 10px 10px 0px 0px;

}

#info{

margin-left: 110px;

padding-top: 50px;

}

#info1{

margin-left: 80px;

color: magenta;

}

p{

padding-left: 70px;

opacity:0.5;

}

#button{

padding-top: 20px;

margin-left: 130px;

margin-top: 40px;

}

a{

background-color: blueviolet;

padding: 12px;

text-decoration: none;

color: white;

border-radius: 20px;

}

</style>

</head>

<body>

<div id="box">

<div id="card">

<div id="sub1">

<div id="image">

<img src="image1.png" class="img">

</div>

</div>

<div id="info">

<h2 id="name">Akshata Shinde</h2>

</div>

<div id="info1">

<h2 id="desig"> Front-End Developer</h2>

</div>

<p>Pimpri-Chinchwad Kalewadi, PUNE, MAHARASHTRA (MH), India</p>

<div id="button">

<a href="#">View Profile</a>

</div>

</div>

</div>

</body>

</html>

Q.2)

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" type="text/css" href="mystyle.css">

<title>Document</title>

</head>

<body>

<div class="nature">

<img src="gif1.gif" alt="nature">

</div>

<div>

</div><br><br>

<div class="nature">

<img src="birdgif.gif" alt="nature">

</div>

<div class="flower">

<img src="flower.jpg" alt="flower">

</div>

<div class="para">

<p>Python is a computer programming language often used to build websites and software, automate tasks, and

conduct data analysis. Python is a general-purpose language, meaning it can be used to create a variety of

different programs and isn't specialized for any specific problems

</p>

</div>

</body>

</html>

Q.3)

//datetime\_module.js

module.exports = {

displayCurrentDateTime: function() {

const currentDateTime = new Date();

console.log('Current date and time:', currentDateTime);

}

};

//main.js

const datetimeModule = require('./datetime\_module');

// Call the function from the user-defined module

datetimeModule.displayCurrentDateTime();

Q.4)

const url = require('url');

// Example query string

const queryString = 'https://example.com/search?keyword=node.js&page=1&limit=10';

// Parse the query string using the url module

const parsedUrl = url.parse(queryString, true);

// Get the readable parts of the query string

const protocol = parsedUrl.protocol;

const hostname = parsedUrl.hostname;

const path = parsedUrl.pathname;

const query = parsedUrl.query;

// Display the parts of the query string

console.log('Protocol:', protocol);

console.log('Hostname:', hostname);

console.log('Path:', path);

console.log('Query:', query);

Q.5)

function reverseCase(str) {

var reversed = '';

for (var i = 0; i < str.length; i++) {

var char = str.charAt(i);

if (char === char.toUpperCase()) {

reversed += char.toLowerCase();

} else {

reversed += char.toUpperCase();

}

}

return reversed;

}

var originalString = "Pranita Jagtap";

var reversedString = reverseCase(originalString);

console.log(reversedString);

Q.6)

const readline = require('readline');

const rl = readline.createInterface({

input: process.stdin,

output: process.stdout

});

// Function to perform addition

function add(num1, num2) {

return num1 + num2;

}

// Function to perform subtraction

function subtract(num1, num2) {

return num1 - num2;

}

// Function to perform multiplication

function multiply(num1, num2) {

return num1 \* num2;

}

// Function to perform division

function divide(num1, num2) {

return num1 / num2;

}

// Prompt the user for input

rl.question('Enter the first number: ', (num1) => {

rl.question('Enter the second number: ', (num2) => {

rl.question('Enter the operation (+, -, \*, /): ', (operation) => {

let result;

// Perform the selected operation

switch (operation) {

case '+':

result = add(parseFloat(num1), parseFloat(num2));

break;

case '-':

result = subtract(parseFloat(num1), parseFloat(num2));

break;

case '\*':

result = multiply(parseFloat(num1), parseFloat(num2));

break;

case '/':

result = divide(parseFloat(num1), parseFloat(num2));

break;

default:

console.log('Invalid operation');

rl.close();

return;

}

// Display the result

console.log('Result:', result);

rl.close();

});

});

});

Q8)

<html>

<head>

<title>Registration form</title>

</head>

<label align="center"><br><br>

<form action="insert2.php" method="post" align="center">

<h1><fieldset><legend>Registration Form</legend>

<label>First name</label>

<input type="text" name=firstname><br><br>

<label>Last name</label>

<input type="text" name=lastname><br><br>

<label>Email</label>

<input type="email" id="email" name=email><br><br>

<label>Phone no:</label>

<input type="text" id="phone" name="phone" placeholder="country code" value="+91" size="2" />

<input type="text" name="phone" placeholder="phone no" size="10"/ required><br><br>

<label class="radio" for="txtDepartment" >Department</label>

<input type="radio" name="department" value="management" checked />management

<input type="radio" name="department" value="Civil" checked />Civil

<input type="radio" name="department" value="Social" checked />Social<br><br>

<label>Age</label>

<input type="number" id="age" name="age" min="0" max="120" required><br><br>

<button type="submit">Submit</button>

</fieldset>

</html>

//.php

<!DOCTYPE html>

<html>

<head>

<title>Insert Page </title>

</head>

<body>

<center>

<?php

// servername => localhost

// username => root

// password => empty

// database name => mydatabase

$conn = mysqli\_connect("localhost", "root", "", "mydatabase");

// Check connection

if($conn === false){

die("ERROR: Could not connect. "

. mysqli\_connect\_error());

}

// Taking all 5 values from the form data(input)

$firstname = $\_REQUEST['firstname'];

$lastname = $\_REQUEST['lastname'];

$email = $\_REQUEST['email'];

$phone = $\_REQUEST['phone'];

$department = $\_REQUEST['department'];

$age=$\_REQUEST['age'];

// Performing insert query execution

// here our table name is college

$sql = "INSERT INTO Student VALUES ('$firstname',

'$lastname','$email','$phone','$department','$age')";

if(mysqli\_query($conn, $sql)){

echo "<h3>data stored in a database successfully."

. " Please browse your localhost php my admin"

. " to view the updated data</h3>";

echo nl2br("\n$firstname\n $lastname\n "

. "$email\n $phone\n $department\n $age");

} else{

echo "ERROR: Hush! Sorry $sql. "

. mysqli\_error($conn);

Q.9)

<?php

// Database connection configuration

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "mydatabase";

// Create a connection to the database

$conn = new mysqli($servername, $username, $password, $dbname);

// Check the connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

// SQL query to select students from the management department with age between 21 and 30

$sql = "SELECT \* FROM student WHERE department = 'management' AND age BETWEEN 21 AND 30";

// Execute the query

$result = $conn->query($sql);

// Check if any records were returned

if ($result->num\_rows > 0) {

// Create a new table to store the found records

$newTableName = "management\_students";

$createTableSql = "CREATE TABLE IF NOT EXISTS $newTableName (

)

)";

$conn->query($createTableSql);

// Insert the found records into the new table

while ($row = $result->fetch\_assoc()) {

$firstname = $row["firstname"];

$lastname = $row["lastname"];

$email= $row["email"];

$phone= $row["phone"];

$department= $row["department"];

$age= $row["age"];

$insertSql = "INSERT INTO $newTableName (firstname,lastname,email,phone,department,age) VALUES ('$firstname', '$lastname', '$email',$phone,'$department',$age)";

$conn->query($insertSql);

}

echo "Records stored in the '$newTableName' table.";

} else {

echo "No records found.";

}

// Close the database connection

$conn->close();

?>

Q10

<?php

// Database configuration

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "staff";

// Create database connection

$conn = new mysqli("localhost", "root", "", "staff");

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

//Retrieve form data

$name = $\_POST['name'];

$dob = $\_POST['dob'];

$address = $\_POST['address'];

$phone = $\_POST['phone'];

// Insert data into database

$sql = "INSERT INTO AadharCard VALUES ('$name',

'$dob','$address','$phone')";

if ($conn->query($sql) === TRUE) {

// Redirect to success page

header("Location: success.php");

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

// Close database connection

$conn->close();

?>

<!DOCTYPE html>

<html>

<head>

<title>Aadhaar Card Registration</title>

</head>

<label align="center"><br><br>

<form action="testform.php" method="post" align="center">

<h1><fieldset><legend>Aadhaar Card Registration Form</legend>

<label for="name">Name:</label>

<input type="text" name="name" id="name" required><br><br>

<label for="dob">Date of Birth:</label>

<input type="date" name="dob" id="dob" required><br><br>

<label for="address">Address:</label>

<textarea name="address" id="address" required></textarea><br><br>

<label for="phone">Phone:</label>

<input type="text" id="phone" name="phone" placeholder="country code" value="+91" size="2" />

<input type="text" name="phone" placeholder="phone no" size="10"/ required><br><br>

<input type="submit" value="Submit">

</fieldset>

</form></html>

Q.11)

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "staff";

// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$sql = "UPDATE aadharcard SET address='Mumbai' WHERE name IN('Shri')";

if ($conn->query($sql) === TRUE) {

echo "Record updated successfully";

} else {

echo "Error updating record: " . $conn->error;

}

$conn->close();

?>

Q12)

<?php

// Check if cookies are enabled

if (isset($\_COOKIE['test\_cookie'])) {

$cookiesEnabled = true;

} else {

$cookiesEnabled = false;

setcookie('test\_cookie', 'test', time() + 3600); // Create a test cookie

if (isset($\_COOKIE['test\_cookie'])) {

$cookiesEnabled = true;

setcookie('test\_cookie', '', time() - 3600); // Delete the test cookie

}

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Cookie Example</title>

</head>

<body>

<h2>Cookie Example</h2>

<?php

if ($cookiesEnabled) {

// Cookie is enabled

echo "Cookies are enabled.<br>";

// Create or modify a cookie

setcookie('test\_cookie', 'example\_value', time() + 3600);

// Retrieve and display the cookie value

if (isset($\_COOKIE['test\_cookie'])) {

$cookieValue = $\_COOKIE['test\_cookie'];

echo "Cookie value: " . $cookieValue . "<br>";

// Modify the cookie value

setcookie('example\_cookie', 'modified\_value', time() + 3600);

echo "Modified cookie value: " . $\_COOKIE['test\_cookie'];

}

} else {

// Cookie is disabled

echo "Cookies are disabled. Please enable cookies to use this website.";

}

?>

</body>

</html>