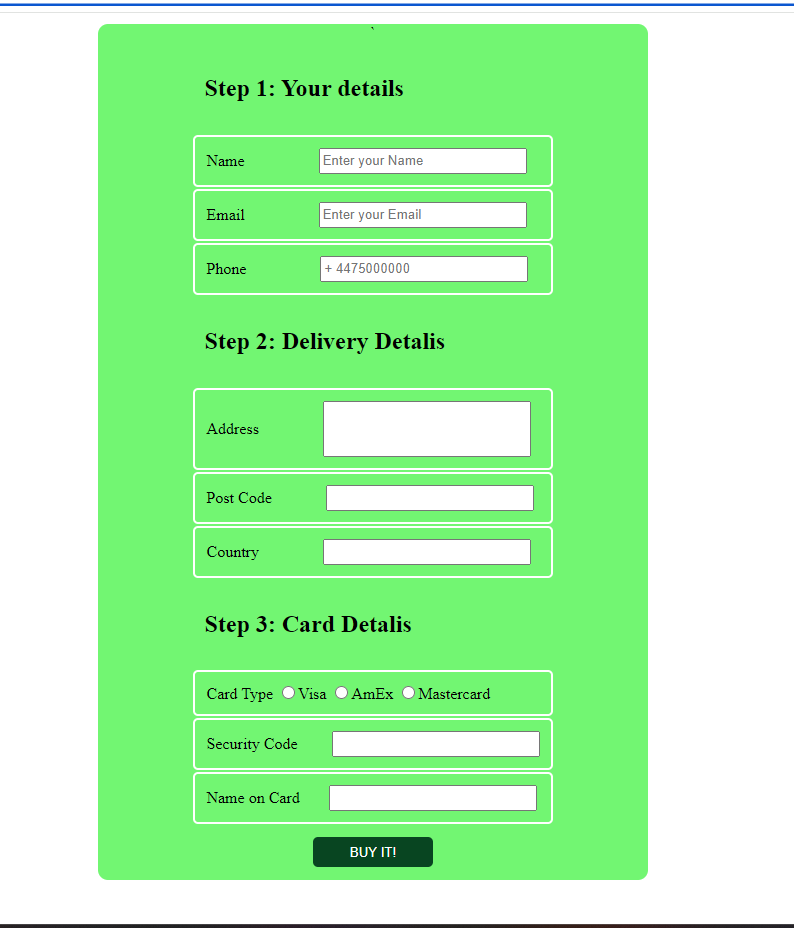
**Module-1**

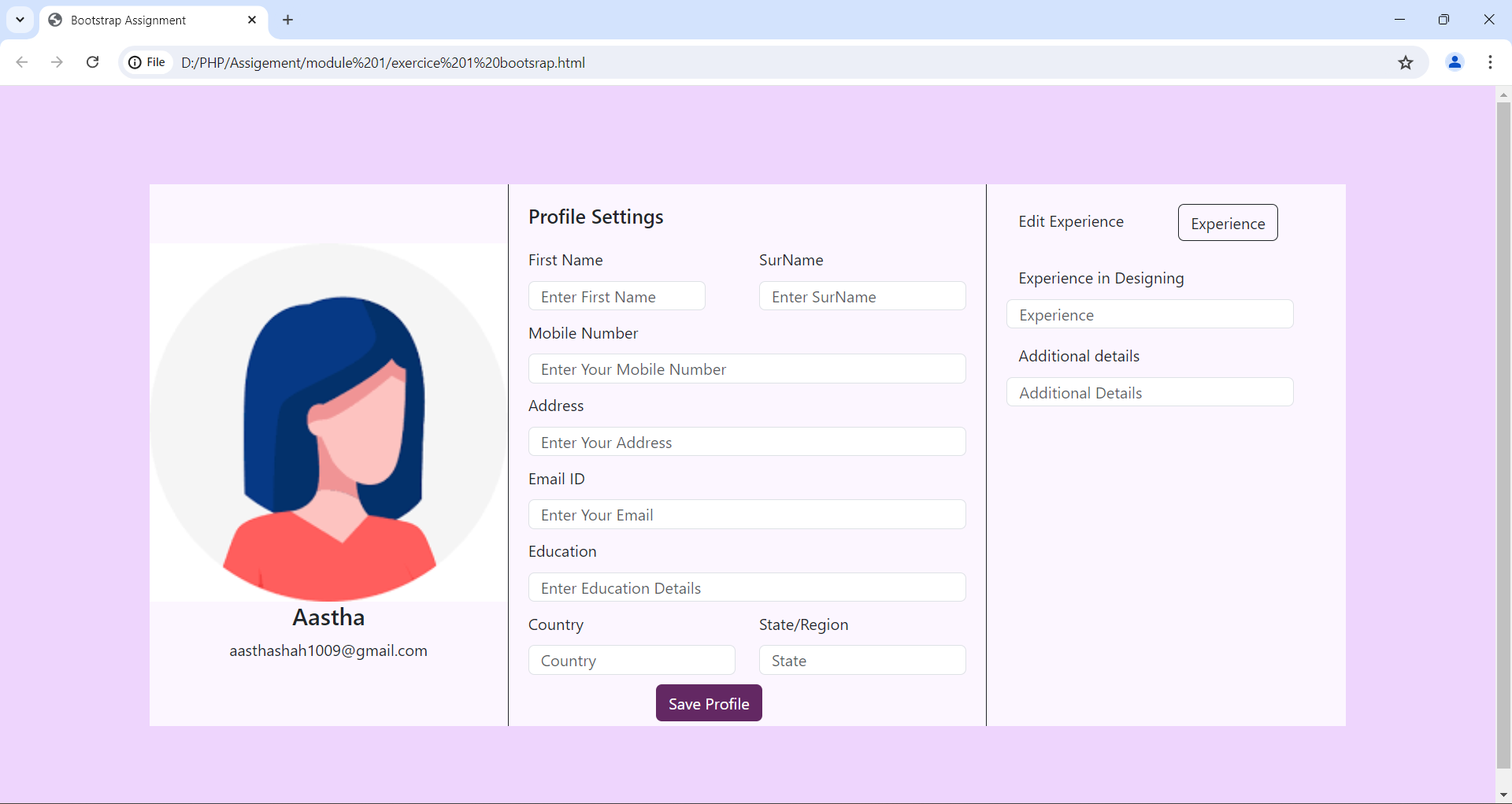
**Exercise 1: Try To Create User Details Form.**

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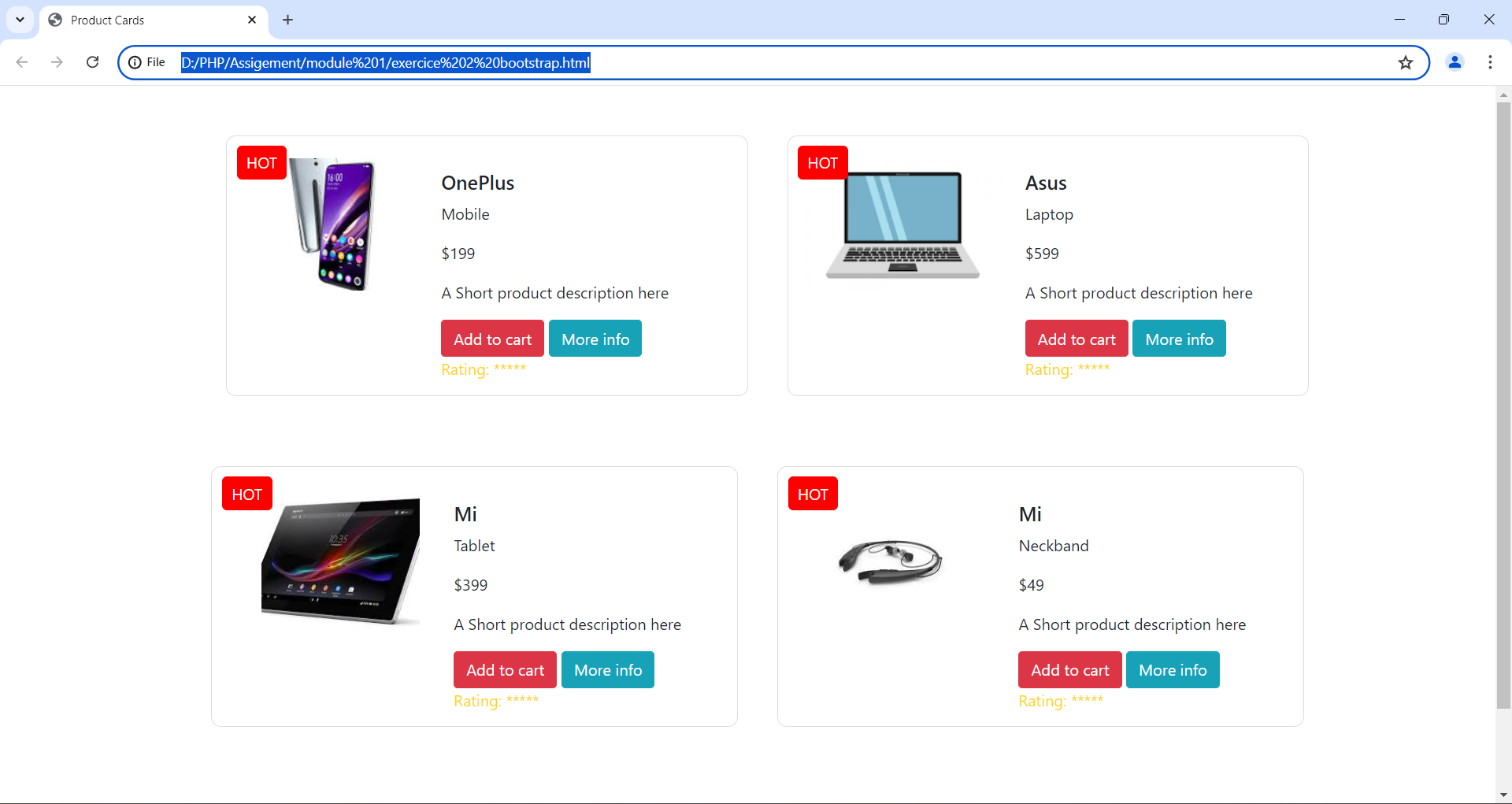
**BOOTSRAP**

**Exercise 1: Create manage Profile:**



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**Exercise 2 : Create Product Listing Page:**

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**Topic – SQL Task-1**

1. Get First\_Name from employee table using alias name “Employee Name”.

Ans: SELECT First\_Name AS 'Employee Name'FROM employee;

1. Get FIRST\_NAME, Joining year, Joining Month and Joining Date from employee table.

Ans: SELECT FIRST\_NAME,

TO\_CHAR(joining\_date, 'YYYY') AS JoinYear,

TO\_CHAR(joining\_date, 'Mon') AS JoinMonth,

TO\_CHAR(joining\_date, 'dd') AS JoinDate FROM employee;

1. Get all employee details from the employee table order by First Name Ascending And Salary descending?

Ans: SELECT \*FROM employee ORDER BY First\_Name ASC, Salary DESC;

1. Get employee details from employee table whose first name contains “%o”.

Ans: SELECT \*FROM employee WHERE First\_Name LIKE 'o';

1. Get employee details from employee table whose joining month is “January”.

Ans: SELECT \*FROM employee WHERE joining month = 01;

1. Get department, total salary with respect to a department from employee table Order By total salary descending.

Ans: SELECT DEPARTMENT\_NAME, SUM(SALARY) AS Total\_Salary FROM employee GROUP BY DEPARTMENT\_NAME ORDER BY Total\_Salary DESC;

1. Get department wise maximum salary from employee table order by salary ascending?

Ans: SELECT DEPT\_ID, MAX(SALARY) FROM department GROUP BY DEPT\_ID ORDER BY MAX(SALARY) ASC;

1. Select first\_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000.

Ans: SELECT FIRST\_NAME, INCENTIVES FROM employee A INNER JOIN incentives B ON A.EMPLOYEE\_ID = B.EMPLOYEE\_REF\_ID WHERE INCENTIVE\_AMOUNT > 3000;

1. Select 2nd Highest salary from employee table.

Ans: SELECT MAX(Salary) FROM Employee WHERE Salary < (SELECT MAX(Salary) FROM Employee);

1. Select first\_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.

Ans: SELECT FIRST\_NAME, IFNULL(B.INCENTIVE\_AMOUNT, 0) FROM employee LEFT JOIN incentives ON EMPLOYEE\_ID = EMPLOYEE\_REF\_ID;

1. Create View OF Employee table in which store first name, last name and salary only.

Ans: CREATE VIEW employee\_info AS SELECT first\_name, last\_name, salary FROM employee;

1. Create Procedure to find out department wise highest salary.

Ans: CREATE OR REPLACE PROCEDURE GetHighestSalaryPerDept AS BEGIN SELECT EmpID, MAX(Salary) AS HighestSalary FROM EmpDetails GROUP BY EmpID;

END;

1. Create after Insert trigger on Employee table which insert records in view table.

Ans: CREATE TRIGGER after\_insert\_employee AFTER INSERT ON Employee FOR EACH ROW

BEGIN

INSERT INTO View (EmployeeID, Name, Salary, Department) VALUES (NEW.EmployeeID, NEW.Name, NEW.Salary, NEW.Department);

END;

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**Task-2:**

1. All orders for more than $1000.

Ans: SELECT \* FROM order WHERE onm > 1000 ;

1. Names and cities of all salespeople London with commission above 0.10.

Ans: SELECT sname , city from salesperson WHERE commission > 0.10;

1. All salespeople either in Barcelona or in London.

Ans: SELECT \* WHERE city=” Barcelona” OR city=” London”;

1. All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

Ans: SELECT salesman\_id, name, city, commission FROM salesman WHERE commission > 0.10 AND commission < 0.12;

1. All customers with NULL values in city column.

Ans: SELECT \* FROM Customers WHERE city IS NULL;

1. All orders taken on Oct 3Rd and Oct 4th 1994.

Ans: SELECT \* FROM orders WHERE ODE BETWEEN '1994-10-03' AND '1994-10-04';

1. All customers serviced by peel or Motika.

Ans: SELECT (NAME FROM COUSTOMER inner join sales person on 01 SALES PERSON .SNO=customer. NO

WHERE SALES PERSON .SNAME =’PEEL’ OR SALES PERSON .SNAME =’MOTIKA’;

1. All customers whose names begin with a letter from A to B.

Ans: SELECT sname FROM sales person WHERE sname LIKE 'A%' OR sname LIKE 'B%' ORDER BY sname;

1. All customers excluding those with rating <= 100 unless they are located in Rome.

Ans: SELECT CNM FROM table.num where rating>100 AND not city=’ROME’

1. All orders except those with 0 or NULL value in amt field.

Ans: SELECT \* FROM orders WHERE amt IS NOT NULL AND amt > 0;

1. Count the number of salespeople currently listing orders in the order table.

Ans: SELECT SNO FROM SALES PERSON inner join order on SALES PERSON.sno=order.sno