Student Name: Phan Tran Thanh Huy

Student ID: ITCSIU22056

LAB 1

Exercise 1:

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>JSP Page</title>
</head>
<body>
    <hr>
    <h1>Your Name</h1>
    <p>Junior Frontend Developer</p>
    <p>123 Your Street,<br>
        Your City, ST 12345,<br>
        (123) 456-7890<br>
        no_reply@example.com
    </p>

    <p>Skills</p>
    <p>HTML, CSS, JavaScript, Accessibility, Figma to Design, Responsive Web Design,<br>
        Technical Writing, Presentation</p>

    <p>Education</p>
    <p><strong>School Name, Location - Degree</strong><br>
        Month 20xx to Month 20xx <br>
        List of exciting things you did at university
    </p>

    <p>Experience</p>
    <p><strong>Company Name, Location - Job Title</strong><br>
        Month 20xx to Month 20xx
        <ul>
            <li>List of achievements</li>
            <li>List of achievements</li>
            <li>List of achievements</li>
        </ul>
        Skills: List of skills used or gained at this company
    </p>

    <p><strong>Company Name, Location - Job Title</strong><br>
        Month 20xx to Month 20xx
        <ul>
            <li>List of achievements</li>
            <li>List of achievements</li>
            <li>List of achievements</li>
        </ul>
        Skills: List of skills used or gained at this company
    </p>
    <p>Across the Internet <br>
        Add your LinkedIn, Github profile links
    </p>
    <a href="https://github.com/Alexspector123">Alexspector123</a>
</body>
</html>
```

Result:

Your Name

Junior Frontend Developer

123 Your Street,
Your City, ST 12345,
(123) 456-7890
no_reply@example.com

Skills

HTML, CSS, JavaScript, Accessibility, Figma to Design, Responsive Web Design,
Technical Writing, Presentation

Education

School Name, Location - Degree
Month 20xx to Month 20xx
List of exciting things you did at university

Experience

Company Name, Location - Job Title
Month 20xx to Month 20xx

- List of achievements
- List of achievements
- List of achievements

Skills: List of skills used or gained at this company

Company Name, Location - Job Title
Month 20xx to Month 20xx

- List of achievements
- List of achievements
- List of achievements

Skills: List of skills used or gained at this company

Across the Internet
Add your LinkedIn, Github profile links

Alexspector123

Exercise 2:

Sql:

```sql
use db1;
CREATE TABLE Student(
     StudentID varchar(50) PRIMARY KEY,
     StudentName varchar(50),
     Dob date,
     Major varchar(30)
);

CREATE TABLE Course(
     CourseID varchar(50) PRIMARY KEY,
     CourseName varchar(50)
);

CREATE TABLE Lecturer(
     LecturerID varchar(50) PRIMARY KEY,
     LecturerName varchar(50),
     DepartmentID varchar(50)
);
ALTER TABLE Lecturer
ADD FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID);
```

```sql
22   CREATE TABLE Department(
23        DepartmentID varchar(50) PRIMARY KEY,
24        DepartmentName varchar(50)
25   );
26
27   CREATE TABLE Register(
28        StudentID varchar(50),
29        CourseID varchar(50)
30   );
31   ALTER TABLE Register
32   ADD FOREIGN KEY (StudentID) REFERENCES Student(StudentID);
33   ALTER TABLE Register
34   ADD FOREIGN KEY (CourseID) REFERENCES Course(CourseID);
35
36   CREATE TABLE Teach(
37        LecturerID varchar(50),
38        CourseID varchar(50)
39   );
40   ALTER TABLE Teach
41   ADD FOREIGN KEY (LecturerID) REFERENCES Lecturer(LecturerID);
42   ALTER TABLE Teach
43   ADD FOREIGN KEY (CourseID) REFERENCES Course(CourseID);
44
```

ERD: