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LAB 1

Exercise 1:

Code:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>JSP Page</title>
7  </head>
8  <body>
9      <hr>
10     <h1>Your Name</h1>
11     <p>Junior Frontend Developer</p>
12     <p>123 Your Street,<br>
13         Your City, ST 12345,<br>
14         (123) 456-7890<br>
15         no_reply@example.com
16     </p>
17
18     <p>Skills</p>
19     <p>HTML, CSS, JavaScript, Accessibility, Figma to Design, Responsive Web Design,<br>
20         Technical Writing, Presentation</p>
21
22     <p>Education</p>
23     <p><strong>School Name, Location - Degree</strong><br>
24         Month 20xx to Month 20xx <br>
25         List of exciting things you did at university
26     </p>
27
28     <p>Experience</p>
29     <p><strong>Company Name, Location - Job Title</strong><br>
30         Month 20xx to Month 20xx
31         <ul>
32             <li>List of achievements</li>
33             <li>List of achievements</li>
34             <li>List of achievements</li>
35         </ul>
36         Skills: List of skills used or gained at this company
37     </p>
38
39     <p><strong>Company Name, Location - Job Title</strong><br>
40         Month 20xx to Month 20xx
41         <ul>
42             <li>List of achievements</li>
43             <li>List of achievements</li>
44             <li>List of achievements</li>
45         </ul>
46         Skills: List of skills used or gained at this company
47     </p>
48     <p>Across the Internet <br>
49         Add your LinkedIn, Github profile links
50     </p>
51     <a href="https://github.com/Alexspecter123">Alexspecter123</a>
52 </body>
53 </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

[Alexspecter123](#)

Exercise 2:

Sql:

```
1 • use db1;
2 • CREATE TABLE Student(
3     StudentID varchar(50) PRIMARY KEY,
4     StudentName varchar(50),
5     Dob date,
6     Major varchar(30)
7 );
8
9 • CREATE TABLE Course(
10     CourseID varchar(50) PRIMARY KEY,
11     CourseName varchar(50)
12 );
13
14 • CREATE TABLE Lecturer(
15     LecturerID varchar(50) PRIMARY KEY,
16     LecturerName varchar(50),
17     DepartmentID varchar(50)
18 );
19 • ALTER TABLE Lecturer
20     ADD FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID);
21
```

```
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:

