

**CTIS 256**

Duration: 100 Mins

You will implement a page that displays the list of employees in a company. The user can change Driver status of an employee by clicking on “check” or “cross” signs. However, the change will not be immediate, an exclamation mark appears next to the new icon. After clicking “Save” button, all updates will be reflected to the “personel” table in “test” database.

All assets (db import file, template and related assets) are given in the zip file, namely, asset.zip. You will turn static template file into dynamic server-side application. Check out the structure of “personel” table in “test” database.

**Q1 (45Pts)** Read the list of personnel information from “personel” table, and generate the html table similar to Fig1. Query is “*select \* from personel*”.

## Personel List

Name	Progress	Location	Rating	Date of Birth	Driver
Jamie Newhart	<div><div></div></div>	India	★ ★ ★ ☆ ☆	14/05/1985	✗
Frank Harbours	<div><div></div></div>	Russia	★ ★ ★ ★ ☆	12/05/1966	✗
Margret Marmajuke	<div><div></div></div>	Canada	★ ★ ★ ★ ★	31/01/1999	✓
Brendon Philips	<div><div></div></div>	USA	★ ☆ ☆ ☆ ☆	01/08/1980	✗
Oli Bob	<div><div></div></div>	United Kingdom	★ ☆ ☆ ☆ ☆	14/04/1984	✗
Emily Sykes	<div><div></div></div>	South Korea	★ ☆ ☆ ☆ ☆	11/11/1970	✗
James Newman	<div><div></div></div>	Japan	★ ★ ★ ★ ★	22/03/1998	✓

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**Fig 1:** Display employees.

### Grading:

- (20Pts) Display all employees in an html table
- (5Pts) Display progress as bars
- (10Pts) Display Rating as stars.
- (5Pts) Display Driver as check or cross signs.
- (5Pts) Display “Date of Birth” in “d/m/Y” format.

**Q2 (40Pts)** When you click on “Driver” icon of an employee, it toggles, and exclamation mark appears at the right hand side of it. This does not update table immediately. Instead, it means “the record will be updated later after clicking “Commit” button”. To do that, you will use SESSION to store all future updates (ids of employees that will change). If you click a future update (icon with exclamation mark) again, it turns the original state. The exclamation mark disappears. No SQL query in this part.

## Personel List

Name	Progress	Location	Rating	Date of Birth	Driver
Jamie Newhart	<div><div></div></div>	India	★ ★ ★ ☆ ☆	14/05/1985	✗
Frank Harbours	<div><div></div></div>	Russia	★ ★ ★ ★ ☆	12/05/1966	✓ !
Margret Marmajuke	<div><div></div></div>	Canada	★ ★ ★ ★ ★	31/01/1999	✓
Brendon Philips	<div><div></div></div>	USA	★ ☆ ☆ ☆ ☆	01/08/1980	✓ !
Oli Bob	<div><div></div></div>	United Kingdom	★ ☆ ☆ ☆ ☆	14/04/1984	✗
Emily Sykes	<div><div></div></div>	South Korea	★ ☆ ☆ ☆ ☆	11/11/1970	✓ !
James Newman	<div><div></div></div>	Japan	★ ★ ★ ★ ★	22/03/1998	✓

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Fig 2: Mark records that will change.

**Q3 (15Pts)** “Commit” button will update all records that need to be updated. It reads all records from SESSION that needs to be changed, and it updates modified records in personel table. “Commit” is not a submit button, but a link. You don’t need to use AJAX. After updating modified records, it goes back to main page, and it shows the number of records updated, Fig3. SQL : *“update personel set driver = !driver where id = ?”*

## Personel List

Name	Progress	Location	Rating	Date of Birth	Driver
Jamie Newhart	<div><div></div></div>	India	★ ★ ★ ☆ ☆	14/05/1985	✗
Frank Harbours	<div><div></div></div>	Russia	★ ★ ★ ★ ☆	12/05/1966	✓
Margret Marmajuke	<div><div></div></div>	Canada	★ ★ ★ ★ ★	31/01/1999	✓
Brendon Philips	<div><div></div></div>	USA	★ ☆ ☆ ☆ ☆	01/08/1980	✓
Oli Bob	<div><div></div></div>	United Kingdom	★ ☆ ☆ ☆ ☆	14/04/1984	✗
Emily Sykes	<div><div></div></div>	South Korea	★ ☆ ☆ ☆ ☆	11/11/1970	✓
James Newman	<div><div></div></div>	Japan	★ ★ ★ ★ ★	22/03/1998	✓

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3 records updated permanently!

Fig 3: Update modified records in the table.

GOOD LUCK