Database Programming:

Practical Exercise #4

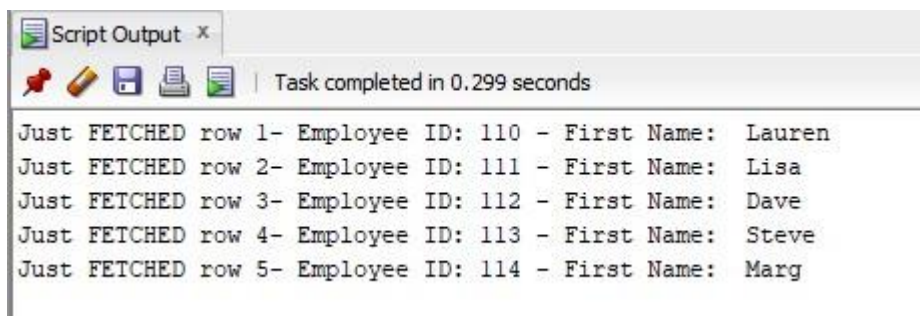**Term: 2024S Student**

Name:

Student Number:

Create the employees table and populate the table with data

(Script is provided here with)

(a)

Write a complete PL/SQL Cursor to retrieve the following information.

- Fetch row number, Employee Id, First Name of the employees
- Select all the employees with Employee_no < 115
- Use the complete cycle of declaring, opening, fetching, and closing a cursor, including use of cursor attributes.
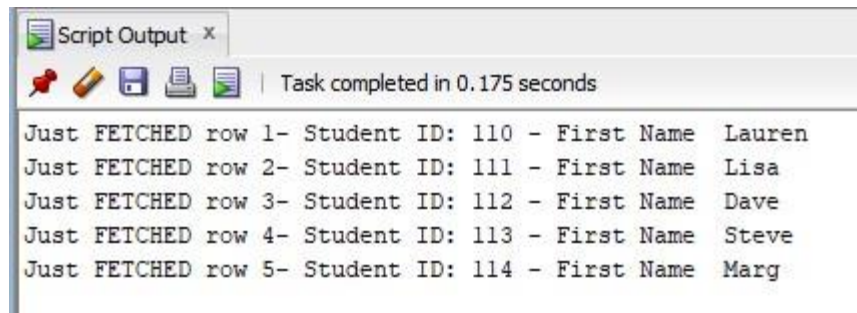- Format the output as shown below

```
Script Output  ×
 📌 ✏ 🖫 🖨 🗐  |  Task completed in 0.299 seconds
Just FETCHED row 1- Employee ID: 110 - First Name:  Lauren
Just FETCHED row 2- Employee ID: 111 - First Name:  Lisa
Just FETCHED row 3- Employee ID: 112 - First Name:  Dave
Just FETCHED row 4- Employee ID: 113 - First Name:  Steve
Just FETCHED row 5- Employee ID: 114 - First Name:  Marg
```

(b)

Modify your program to use the CURSOR FOR LOOP to achieve the same output

```
Script Output  ×
📌 🧽 💾 🖨 📄 | Task completed in 0.175 seconds
Just FETCHED row 1- Student ID: 110 - First Name  Lauren
Just FETCHED row 2- Student ID: 111 - First Name  Lisa
Just FETCHED row 3- Student ID: 112 - First Name  Dave
Just FETCHED row 4- Student ID: 113 - First Name  Steve
Just FETCHED row 5- Student ID: 114 - First Name  Marg
```

Note:
Paste the clear screen shots with outputs

Explain the code block briefly

Include your student number in variables and cursor

Add customized comments