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1)Convert bookstore.xml into json(file is located in Presentation->XML folder)
import xmltodict
import json
with open('Presentation/XML/bookstore.xml', 'r') as xml_file:
     xml data = xml file.read()
json_data = xmltodict.parse(xml_data, indent=4)
with open('Presentation/XML/bookstore.json', 'w') as json_file:
     json.dump(json_data, json_file, indent=4)
2)Write a query to give inner join,left outer join,right outer join and full outer join(refer
SQL Assignments in Presentation folder)
-- Inner Join:
SELECT e.employee_id, e.first_name, e.last_name, e.department_id, d.department_name
FROM Employee e
INNER JOIN Department d ON e.department_id = d.department_id;
-- Left Outer Join
SELECT e.employee_id, e.first_name, e.last_name, e.department_id, d.department_name
FROM Employee e
LEFT OUTER JOIN Department d ON e.department_id = d.department_id;
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-- Right Outer Join
SELECT e.employee_id, e.first_name, e.last_name, e.department_id, d.department_name
FROM Employee e
RIGHT OUTER JOIN Department d ON e.department id = d.department id;
-- Full Outer Join
SELECT e.employee id, e.first name, e.last name, e.department id, d.department name
FROM Employee e
FULL OUTER JOIN Department d ON e.department_id = d.department_id;
3) Write a query to find duplicate records (refer SQL_Assignments in Presentation folder)
-- Duplicate records based on first name:
SELECT first_name, COUNT(*)
FROM Employee
GROUP BY first_name
HAVING COUNT(*) > 1;
-- Duplicate records based on email:
SELECT email, COUNT(*)
FROM Employee
GROUP BY email
HAVING COUNT(*) > 1;
-- Duplicate records based on first name and last name:
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```
SELECT first_name, last_name, COUNT(*)

FROM Employee

GROUP BY first_name, last_name

HAVING COUNT(*) > 1;

-- Duplicate records based on first name and email:

SELECT first_name, email, COUNT(*)

FROM Employee

GROUP BY first_name, email
```

HAVING COUNT(*) > 1;