SQL Join Operations - Experiment 7

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-- Step 1: Create Tables
CREATE TABLE student (
  name CHAR(30),
  regno NUMBER(10)
);

INSERT INTO student VALUES ('hari', 1);
INSERT INTO student VALUES ('subbu', 2);
INSERT INTO student VALUES ('srinu', 3);

CREATE TABLE marks (
  regno NUMBER(10),
  total NUMBER(10)
);

INSERT INTO marks VALUES (1, 400);
INSERT INTO marks VALUES (2, 450);
INSERT INTO marks VALUES (3, 300);

-- Step 2: Join Operations
-- 1. Natural Join (Equi Join)
SELECT *
FROM student
JOIN marks ON student.regno = marks.regno;

-- 2. Left Join
SELECT *
FROM student
LEFT JOIN marks ON student.regno = marks.regno;

-- 3. Right Join
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```
SELECT *
FROM student
RIGHT JOIN marks ON student.regno = marks.regno;

-- 4. Full Outer Join
SELECT *
FROM student
FULL OUTER JOIN marks ON student.regno = marks.regno;
```