Experiment 1(SQL)

```
CREATE TABLE Students (
   student_id INT PRIMARY KEY,
   name VARCHAR(50),
   branch VARCHAR(50),
   mark1 FLOAT,
   mark2 FLOAT,
   age INT
);


INSERT INTO STUDENT_A (student_id, name, branch, mark1, mark2, age)
VALUES
   (1, 'Alex', 'AI', 85, 78, 22),
   (2, 'Surya', 'AI', 76, 82, 21),
   (3, 'Alan', 'AI', 90, 88, 23),
   (4, 'Alfy', 'MECH', 82, 79, 20),
   (5, 'Adi', 'CIVIL', 88, 90, 22);


CREATE TABLE Students_b AS
SELECT student_id, name, age
FROM STUDENT_A
WHERE age > 21;


UPDATE Students_b
SET age = age + 2;


UPDATE STUDENT_A
SET mark1 = mark1 * 2, mark2 = mark2 * 2
WHERE branch = 'AI';
```

Exp 2

```
CREATE TABLE emp2 (
   emp_id CHAR(8) CHECK(emp_id LIKE '%e'),
   emp_name VARCHAR(18),
   street_no INT,
   city VARCHAR(18),
   PRIMARY KEY (emp_id)
);

CREATE TABLE company2 (
   company_name VARCHAR(18),
   city VARCHAR(18),
   PRIMARY KEY (company_name)
);

CREATE TABLE work2 (
   emp_id CHAR(8) REFERENCES emp2(emp_id),
   company_name VARCHAR(18) REFERENCES company2(company_name),
   salary FLOAT,
   FOREIGN KEY (emp_id) REFERENCES emp2(emp_id),
   FOREIGN KEY (company_name) REFERENCES company2(company_name)
);

CREATE TABLE manager2 (
   manager_id CHAR(8),
   emp_id CHAR(8) REFERENCES emp2(emp_id),
   PRIMARY KEY (manager_id),
   FOREIGN KEY (emp_id) REFERENCES emp2(emp_id)
);

ALTER TABLE emp2 MODIFY emp_name VARCHAR(18) NOT NULL;
```