```
CREATE TABLE Employee (
    emp_id INT PRIMARY KEY, dept_id INT, emp_name VARCHAR(100),DoJ DATE,  salary
DECIMAL(10, 2), commission DECIMAL(10, 2),job_title VARCHAR(100));
-------------------------------------------------------------------------------
----------------------------------------
CREATE TABLE job_history (emp_id INT, old_job_title VARCHAR(100),old_dept_id
INT,start_date DATE, end_date DATE);
-------------------------------------------------------------------------------
----------------------------------------
Trigger to Ensure Salary is Not Decreased


DELIMITER //

CREATE TRIGGER salary_check_trigger
BEFORE UPDATE ON Employee
FOR EACH ROW
BEGIN
    IF NEW.salary < OLD.salary THEN
        SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Salary cannot be decreased';
    END IF;
END;
//

DELIMITER ;
-------------------------------------------------------------------------------
----------------------------------------
Trigger to Insert into job_history When Job Title is Changed

DELIMITER //

CREATE TRIGGER job_title_change_trigger
AFTER UPDATE ON Employee
FOR EACH ROW
BEGIN
    IF OLD.job_title != NEW.job_title THEN
        INSERT INTO job_history (emp_id, old_job_title, old_dept_id, start_date,
end_date)
        VALUES (OLD.emp_id, OLD.job_title, OLD.dept_id, OLD.DoJ, CURDATE());
    END IF;
END;
//

DELIMITER ;
-------------------------------------------------------------------------------
----------------------------------------
Sample Data for Employee Table
INSERT INTO Employee (emp_id, dept_id, emp_name, DoJ, salary, commission,
job_title)
VALUES
(1, 101, 'John Doe', '2020-05-15', 5000, 300, 'Software Engineer'),
(2, 102, 'Jane Smith', '2018-03-22', 6000, 500, 'Data Analyst'),
(3, 103, 'Alice Johnson', '2022-07-01', 4500, 250, 'HR Specialist'),
(4, 104, 'Bob Brown', '2019-11-05', 7000, 700, 'Project Manager');
-------------------------------------------------------------------------------
----------------------------------------

Test the Salary Decrease Restriction:
```

```
UPDATE Employee
SET salary = 4000
WHERE emp_id = 1;
```

Test the Job Title Change:

```
UPDATE Employee
SET job_title = 'Senior Software Engineer'
WHERE emp_id = 1;
```

---

verify job_history Table:

```
SELECT * FROM job_history;
```