

## 11.Trigger

Create a trigger in MySQL to log the changes of the EMPLOYEES table with fields ID, Name and Email. Also create a new table named EMPLOYEES\_AUDIT to keep the changes of the employee table. Create BEFORE UPDATE trigger that is invoked before a change is made to the employees table.

```
mysql> CREATE TABLE EMPLOYEES_AUDIT (  
-> id INT AUTO_INCREMENT PRIMARY KEY,  
-> employee_id INT NOT NULL,  
-> name VARCHAR(50) NOT NULL,  
-> email VARCHAR(50) NOT NULL,  
-> change_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
-> );  
Query OK, 0 rows affected (0.10 sec)  
  
mysql>  
mysql> DELIMITER $$  
mysql> CREATE TRIGGER employees_audit_trigger  
-> BEFORE UPDATE ON EMPLOYEES  
-> FOR EACH ROW  
-> BEGIN  
-> INSERT INTO EMPLOYEES_AUDIT (employee_id, name, email)  
-> VALUES (OLD.ID, OLD.Name, OLD.Email);  
-> END$$  
ERROR 1146 (42S02): Table 'db.employees' doesn't exist  
mysql> DELIMITER ;  
mysql> _
```