**Module 4) Working with Database using SQL**

**ASSESSMENT**

**Q:1)** **create a Trigger that will insert a record into the employee\_audit table every time a new employee is added to the employee’s table:**

DELIMITER //

CREATE TRIGGER employees

after insert into employees

for each row

begin

insert into employee\_audit(employee\_id,name,position,salary,hire\_date)

values(new.employee\_id,new.name,new.position,new.salary,new.hire\_date);

END IF;

DELIMITER //

SELECT\* FROM employees;

* **We have an employee’s table, and we want to create a stored procedure to add a new employee and automatically log this action in an employee\_audit table.**

DELIMITER //

CREATE procedure newemployee(in emp\_name varchar(100),

in emp\_position varchar(100),

in emp\_salary Decimal(10,2),

in emp\_hire\_date date

)

BEGIN

insert into employees(name,position,salary,hire\_date)

values(emp\_name,emp\_position,emp\_salary ,emp\_hire\_date );

END //

DELIMITER ;

CALL newemployee ('Ben stock','accountant',70000.00,'2024-12-08');

select\*from employees;

