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| 1. **Automatically modify data before inserting if into the table** |
| **DROP TRIGGER IF EXISTS tri1;**  **delimiter $**  **CREATE TRIGGER tri1**  **BEFORE INSERT on dept**  **FOR EACH ROW**  **BEGIN**  **set new.dname=UPPER(new.dname);**  **end $**  **delimiter ;** |
| 1. **Prevents salaries from bing decresed** |
| **DROP TRIGGER IF EXISTS tri2;**  **DELIMITER $$**  **CREATE TRIGGER tri2**  **BEFORE UPDATE ON emp**  **FOR EACH ROW**  **BEGIN**  **IF OLD.sal > NEW.sal THEN**  **SIGNAL SQLSTATE '45000' SET MESSAGE\_TEXT = 'Salary is less than old salary...';**    **END IF;**  **END $$**  **DELIMITER ;** |
| 1. **Prevents deletion of contain employee** |
| **DROP TRIGGER IF EXISTS tri3;**  **delimiter $**  **CREATE TRIGGER tri3**  **BEFORE DELETE on emp**  **FOR EACH ROW**  **BEGIN**  **signal sqlstate '45000'**  **set MESSAGE\_TEXT='You Can Not Delete Employee...';**    **end $**  **delimiter ;** |
| 1. **Store deleted record in an archive table** |
| **DROP TRIGGER IF EXISTS tri4;**  **delimiter $**  **CREATE TRIGGER tri4**  **AFTER DELETE on d1**  **FOR EACH ROW**  **BEGIN**  **INSERT INTO d2 VALUES (old.c1,old.c2);**  **end $**  **delimiter ;** |
| 1. **Automatically formats email address to lowercase before inserting** |
| **DROP TRIGGER IF EXISTS tri5;**  **delimiter $**  **CREATE TRIGGER tri5**  **BEFORE INSERT on login**  **FOR EACH ROW**  **BEGIN**    **set new.email = LOWER(new.email);**    **end $**  **delimiter ;** |
| 1. **Assigns a default role to a new user if none is provide** |
| **DROP TRIGGER IF EXISTS tri6;**  **delimiter $**  **CREATE TRIGGER tri6**  **BEFORE INSERT ON login**  **FOR EACH ROW**  **BEGIN**  **set new.username = ifnull(new.username,'Admin');**    **end $**  **delimiter ;** |
| 1. **Prevents user from changing their email address** |
| **DROP TRIGGER IF EXISTS tri7;**  **delimiter $**  **CREATE TRIGGER tri7**  **BEFORE UPDATE ON login**  **FOR EACH ROW**  **BEGIN**  **if old.email != new.email THEN**    **signal sqlstate '45000'**  **set MESSAGE\_TEXT = 'YOU CAN NOT CHANGE Email-ID...';**    **end if;**  **end $**  **delimiter ;** |
| 1. **Logs old and new username when then are change** |
| **DROP TRIGGER IF EXISTS tri8;**  **delimiter $**  **CREATE TRIGGER tri8**  **AFTER UPDATE ON login**  **FOR EACH ROW**  **BEGIN**  **INSERT INTO logs VALUES(old.username,new.username);**  **end $**  **delimiter ;** |
| 1. **Prevents deletion of admin user** |
| **DROP TRIGGER IF EXISTS tri9;**  **delimiter $**  **CREATE TRIGGER tri9**  **BEFORE DELETE ON login**  **FOR EACH ROW**  **BEGIN**  **signal sqlstate '45000'**  **set MESSAGE\_TEXT = ' You Can Noy Delete Admin User...';**  **end $**  **delimiter ;** |
| 1. **Moves deleted order to an archive table** |
| **DROP TRIGGER IF EXISTS tri10;**  **delimiter $**  **CREATE TRIGGER tri10**  **AFTER DELETE ON orders**  **FOR EACH ROW**  **BEGIN**  **INSERT INTO archive VALUES (old.onum,old.amt,old.odate,old.cnum,old.snum,old.type,old.paymenttype,old.registered);**  **end $**  **delimiter ;** |
| 1. **Automatically sent a default membership type for new user** |
| **DROP TRIGGER IF EXISTS tri11;**  **delimiter $**  **CREATE TRIGGER tri11**  **BEFORE INSERT ON amazon\_prime**  **FOR EACH ROW**  **BEGIN**  **set new.membership\_duration = ifnull(new.membership\_duration,3);**  **end $**  **delimiter ;** |