Aim: To automatically perform an action wherever a specific event (insert v/date Delete) occurs on mobile Phone.

Create Table

SQL customer Table

```
CREATE TABLE customer (
    Cust-ID INT PRIMARY KEY,
    Cost-Name VARCHAR (50),
    Cost-Phone No VARCHAR (15),
    cust-City VARCHAR (30),
    Cust-Amount Paid DECIMAL (10,2),
);
```

Insert Sample Data.

Sql Insert customers

```
INSERT INTO customer VALUES
(1, 'John', '9876543210', 'Hydrobad', 15000);
2, 'smith', '9123456780', 'Delhi', 12000);
```

Create views

Sql

```
CREATE VIEW customer Mobile view As
SELECT C.cust-ID, C. cust-Name, C. cust-Phoneb
C.cust-city, m. mobile-Name, m. mobile-Price, C.cust.
Amount Paid
```

```sql
FROM customer c
JOIN Mobile m
    ON c.cust-Amount Paid = m.Mobile-Price
```

Query

sql
```sql
SELECT * FROM customer Mobile view;
```

output

cust-ID	cust-Name	cust-Phone No	cust-city	Mobile-Price	Amount
1.	John	9876543210	Hyderbad	15000	15000
2.	Smith	9123456780	Delhi	12000	12000

Create Triggers:

sql
```sql
CREATE TRIGGER check-amount-before-insert
BEFORE INSERT ON customer
FOR EACH ROW
BEGIN
    DECLARE Price DECIMAL (10,2);
    SELECT Mobile-Price INTO Price
    WHERE Mobile-Price = NEW. cust-Amount Paid.
    LIMIT 1;
    IF Price IS NULL THEN
    SIGNAL SQLSTATE '45000'
    SET MESSAGE-TEXT = Invalid Payment! no
matching mobile found!;
```

```
    END IF;
    END;
```
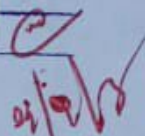
Test

SQL

```
INSERT INTO customer VALUES (3, 'Ajay', '900000000',
    'Mumbai', 8000);
```

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Invalid Payment : no matching mobile found!

VEL TECH	
EX NO.	5
PERFORMANCE (5)	6
RESULT AND ANALYS'S (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	16
SIGN WITH DATE	

Result: Thus the automatically Perform an action
specific event constnt update verified
successfully.