**CLASS ACTIVITY**

Consider the table

◦ CUSTOM(id, Name, Email, PurchaseAmount, MembershipType) ◦ Write a trigger to change the MembershipType of a customer if the PurchaseAmount is updated. Use the following criteria to find the MembershipType.

◦ Gold – Purchases over $1,000,000.

◦ Silver – Purchase of $500,000 to $1,000,000.

◦ Bronze – All other purchase levels.

**QUERY:**

CREATE TABLE CUSTOM(

id int,

Name varchar(50),

Email varchar(50),

PurchaseAmount REAL ,

MembershipType varchar(50));

**OUTPUT:**

+----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------------+-------------+------+-----+---------+-------+

| id | int(11) | YES | | NULL | |

| Name | varchar(50) | YES | | NULL | |

| Email | varchar(50) | YES | | NULL | |

| PurchaseAmount | double | YES | | NULL | |

| MembershipType | varchar(50) | YES | | NULL | |

+----------------+-------------+------+-----+---------+-------+

**Displaying records of customsers**

SELECT \* FROM CUSTOM$$

+------+------+----------------+----------------+----------------+

| id | Name | Email | PurchaseAmount | MembershipType |

+------+------+----------------+----------------+----------------+

| 1 | SAM | SAM@GMAIL.COM | 500000 | SILVER |

| 2 | AMAN | AMAN@GMAIL.COM | 1000000 | GOLD |

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**Updating Record Using TRIGGER:-**

**Query:-**

CREATE or REPLACE TRIGGER `cust\_update`

BEFORE UPDATE ON CUSTOM FOR EACH ROW

BEGIN

IF NEW.PurchaseAmount >= 1000000

THEN SET NEW.MembershipType = 'GOLD';

ELSEIF NEW.PurchaseAmount >= 500000 AND NEW.PurchaseAmount<1000000

THEN SET NEW.MembershipType = 'SILVER';

ELSEIF NEW.PurchaseAmount < 500000

THEN SET NEW.MembershipType = 'BRONZE';

ELSE SET NEW.MembershipType = 'OLD.MembershipType';

END IF;

END$$

UPDATE custom SET PURCHASEAMOUNT = 49000 WHERE ID = 1$$

select \* from custom$$

**OUTPUT**

+------+------+----------------+----------------+----------------+

| id | Name | Email | PurchaseAmount | MembershipType |

+------+------+----------------+----------------+----------------+

| 1 | SAM | SAM@GMAIL.COM | 49000 | BRONZE |

| 2 | AMAN | AMAN@GMAIL.COM | 1000000 | GOLD |

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