

## ***DATA DEFINITION LANGUAGE (DDL) CHECKPOINT***

### ***DEBBICHE SENDA***

1. You are asked to create the above given relational model using SQL language and based on the different mentioned constraints :

```
CREATE TABLE Product(
```

```
    Product_id VARCHAR2(20) PRIMARY KEY,
```

```
    Product_Name VARCHAR2(20) NOT NULL,
```

```
    Price NUMBER CHECK(Price > 0)
```

```
);
```

```
CREATE TABLE Customer(
```

```
    Customer_id VARCHAR2(20) PRIMARY KEY,
```

```
    Customer_Name VARCHAR2(20) NOT NULL,
```

```
    Customer_Tel NUMBER
```

```
);
```

```
CREATE TABLE Orders(
```

```
    Customer_id VARCHAR2(20) PRIMARY KEY,
```

```
    Product_id VARCHAR2(20),
```

```
    Quantity NUMBER,
```

```
    Total_amount NUMBER,
```

```
    FOREIGN KEY (Customer_id) REFERENCES Customers (Customer_id),
```

```
    FOREIGN KEY (Product_id) REFERENCES Product (Product_id)
```

```
);
```

2. After creating tables, write SQL commands to:

- Add a column Category (VARCHAR2(20)) to the PRODUCT table.
- Add a column OrderDate (DATE) to the ORDERS table which have SYSDATE as a default value.

```
ALTER TABLE Product ADD Category VARCHAR2(20) ;
```

```
ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE ;
```