

# Data Definition Language Checkpoint

## . Create Product TABLE :

```
CREATE TABLE Product(  
Product_id VARCHAR2(20) CONSTRAINT pk-product PRIMARY KEY ,  
Product_Name VARCHAR2(20) NOT NULL,  
Price NUMBER CHECK (Price>0)  
);
```

## . Create Customer TABLE :

```
CREATE TABLE Customer(  
Customer_id VARCHAR2(20) CONSTRAINT pk-customer PRIMARY KEY ,  
Customer_Name VARCHAR2(20) NOT NULL,  
Customer_Tel NUMBER  
);
```

## . Create OrdersTABLE :

```
CREATE TABLE Orders(  
Quantity NUMBER ,  
Total_amount NUMBER,  
CONSTRAINT fk_customer FOREIGN KEY (Customer_id) REFERENCES  
Customer(Customer_id),  
CONSTRAINT fk_product FOREIGN KEY (Product_id) REFERENCES  
Product(Product_id)  
);
```

. Add a column Category (VARCHAR2(20)) to the PRODUCT table :

**ALTER TABLE** Product **ADD** Category **VARCHAR2**(20)

. Add a column OrderDate (DATE) to the ORDERS table which have SYSDATE as a default value :

**ALTER TABLE** Orders **ADD** OrderDate **DATE DEFAULT SYSDATE()**

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