Firstly, we are creating a table PRODUCT with the constraints
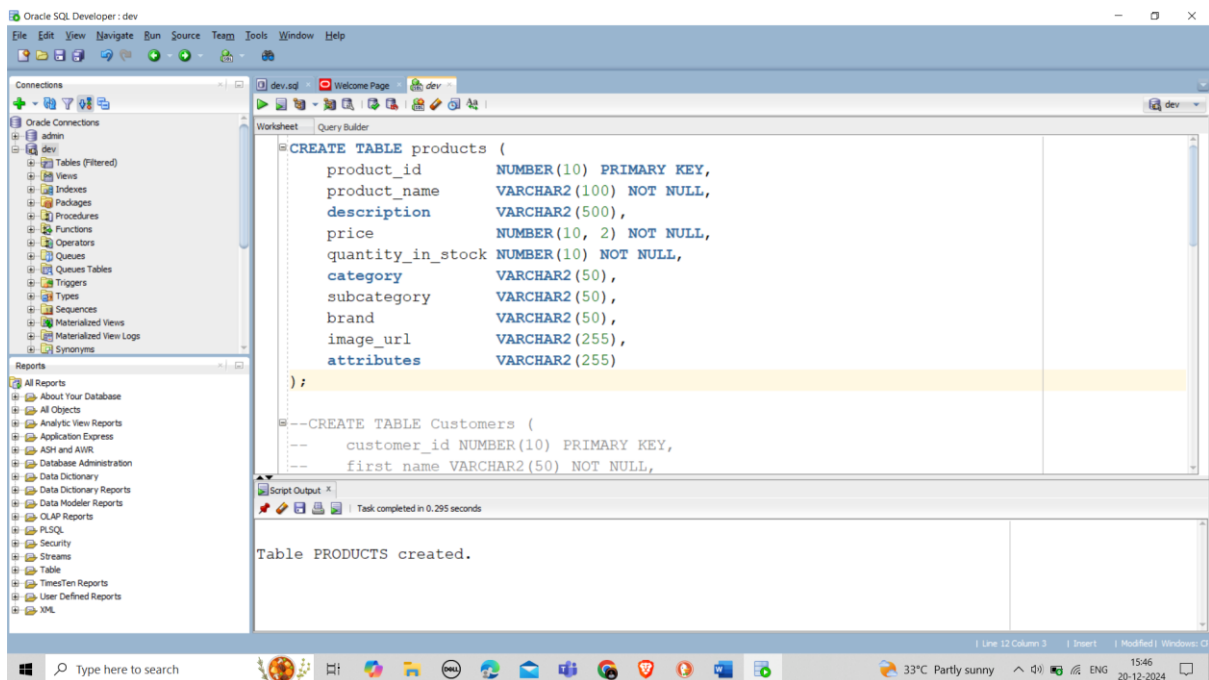
CREATE TABLE products (

    product_id   NUMBER(10) PRIMARY KEY,

    product_name   VARCHAR2(100) NOT NULL,

    description   VARCHAR2(500),

    price   NUMBER(10, 2) NOT NULL,

    quantity_in_stock NUMBER(10) NOT NULL,

    category   VARCHAR2(50),

    subcategory   VARCHAR2(50),

    brand   VARCHAR2(50),

    image_url   VARCHAR2(255),

    attributes   VARCHAR2(255)

);

Next, we are creating table CUSTOMERS

```
CREATE TABLE customers (

    customer_id      NUMBER(10) PRIMARY KEY,

    first_name       VARCHAR2(50) NOT NULL,

    last_name        VARCHAR2(50) NOT NULL,

    email_address    VARCHAR2(100) NOT NULL UNIQUE,

    phone_number     VARCHAR2(20),

    shipping_address VARCHAR2(255),

    billing_address  VARCHAR2(255),

    password_hash    VARCHAR2(255) NOT NULL

);
```
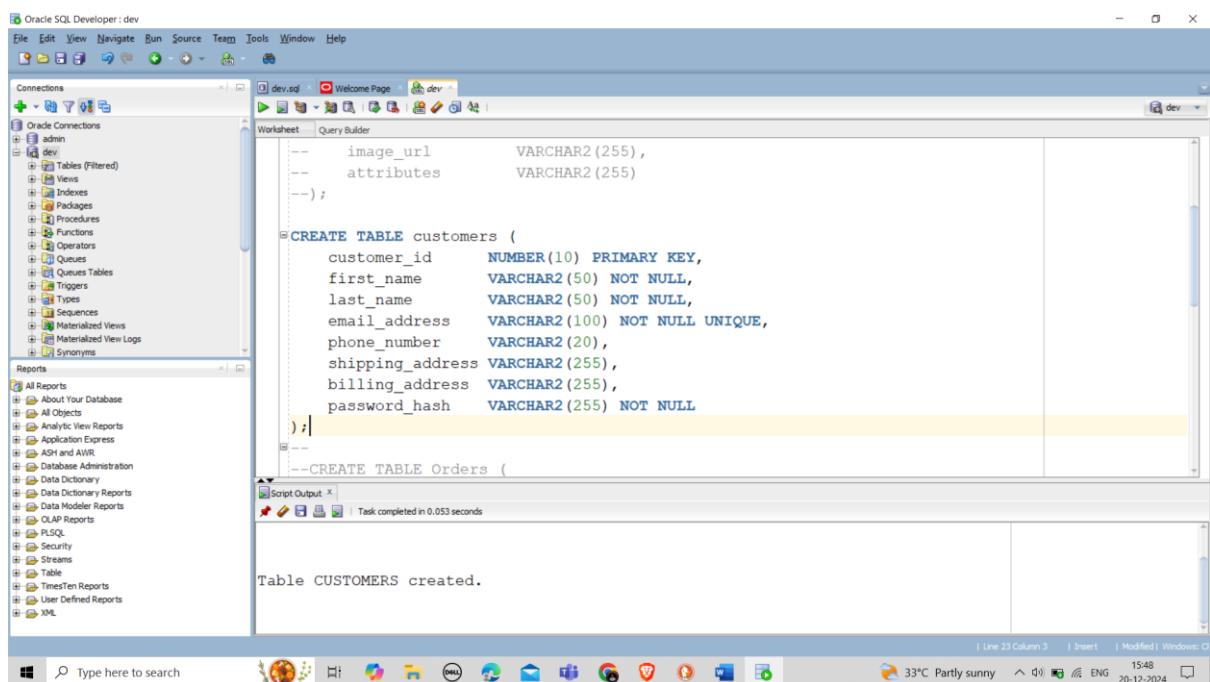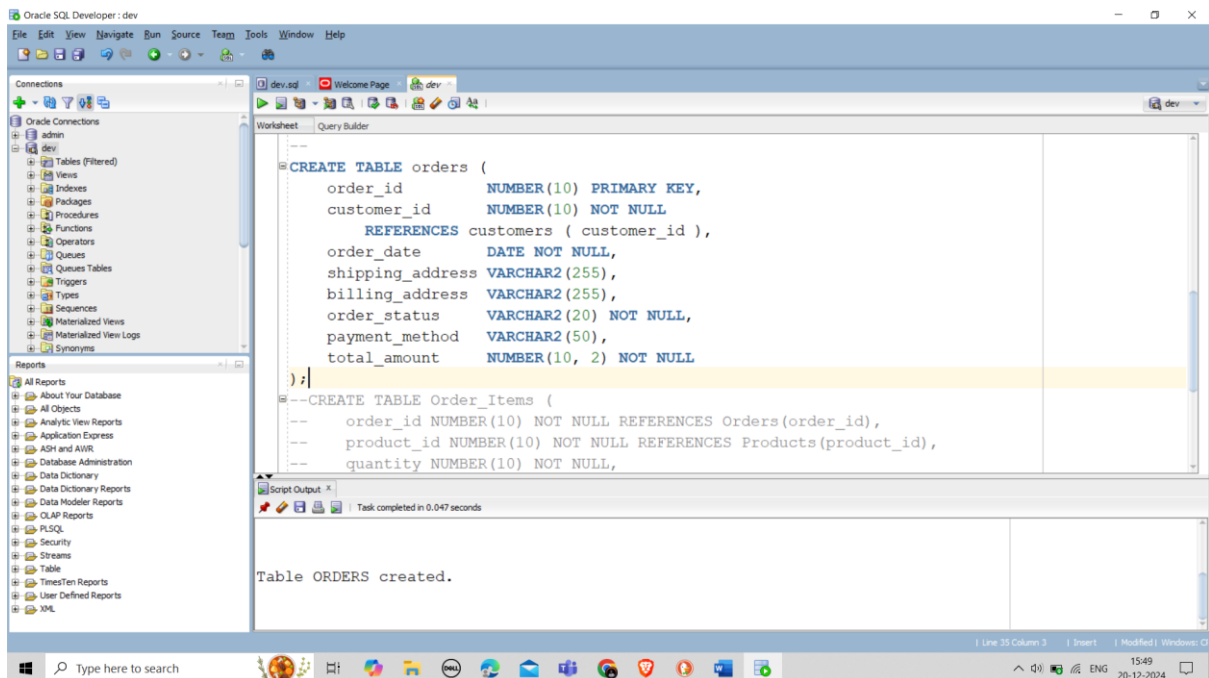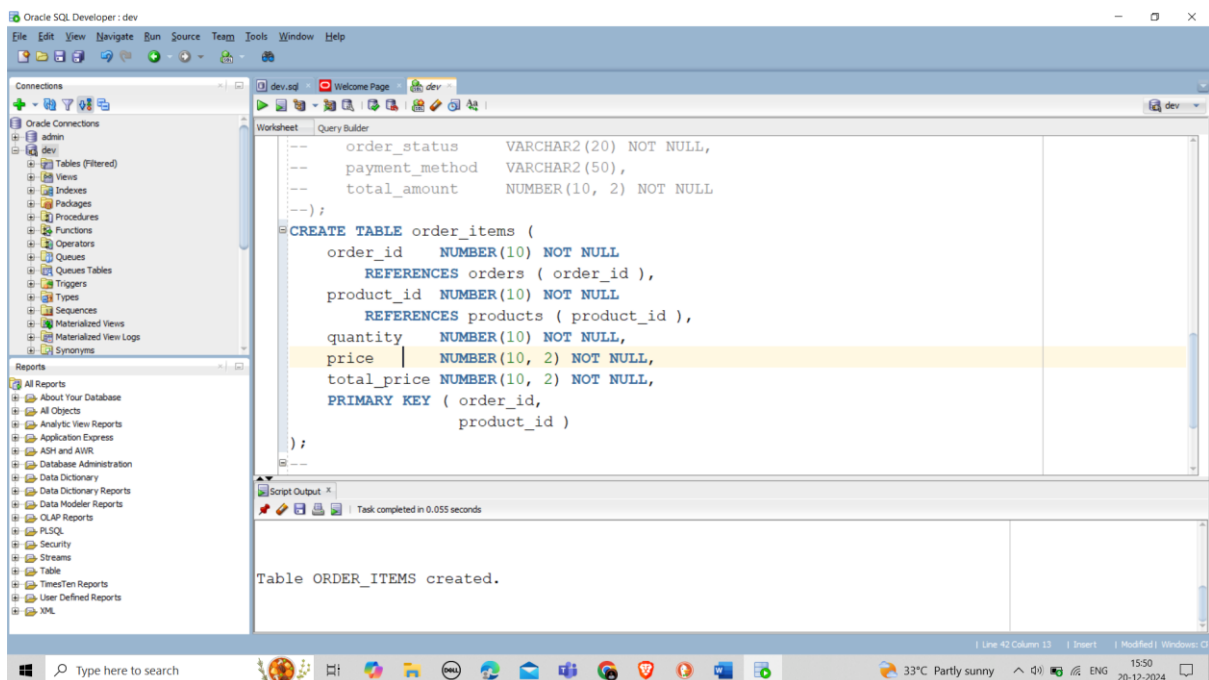
Next, we are creating table ORDERS

```sql
CREATE TABLE orders (

    order_id        NUMBER(10) PRIMARY KEY,

    customer_id     NUMBER(10) NOT NULL

        REFERENCES customers ( customer_id ),

    order_date      DATE NOT NULL,

    shipping_address VARCHAR2(255),

    billing_address  VARCHAR2(255),

    order_status    VARCHAR2(20) NOT NULL,

    payment_method   VARCHAR2(50),

    total_amount     NUMBER(10, 2) NOT NULL

);
```
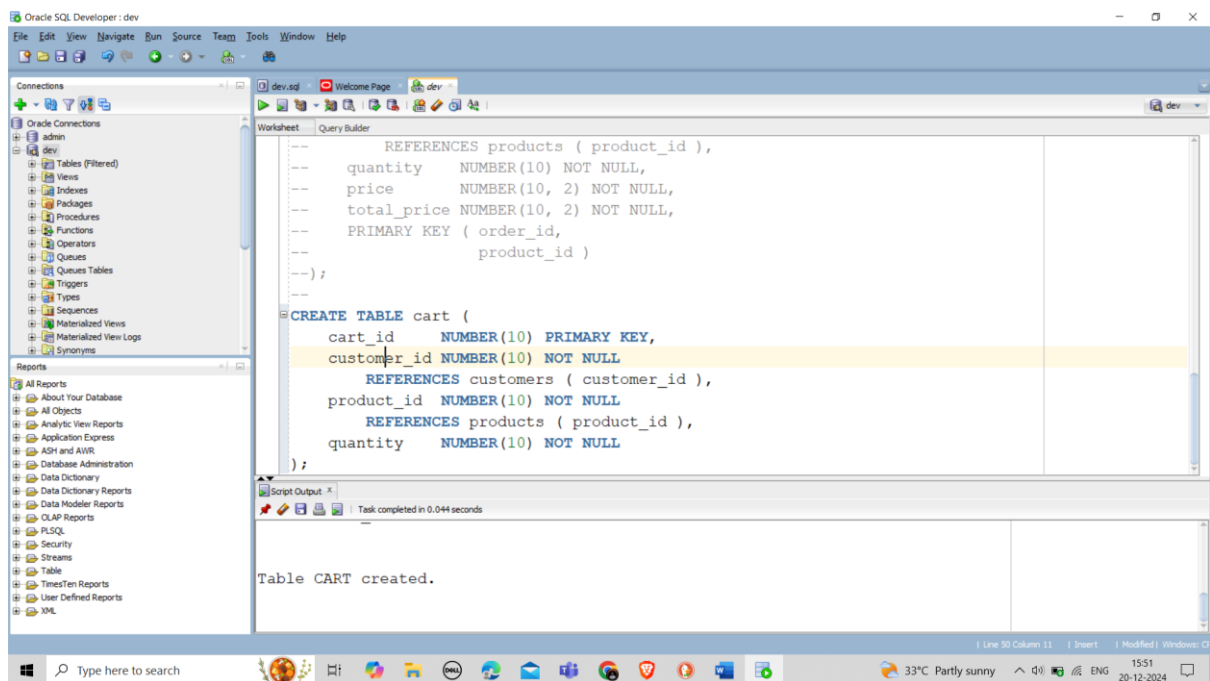
Next, we are creating table ORDER ITEMS

CREATE TABLE order_items (

   order_id   NUMBER(10) NOT NULL

     REFERENCES orders (order_id),

   product_id NUMBER(10) NOT NULL

     REFERENCES products (product_id),

   quantity   NUMBER(10) NOT NULL,

   price   NUMBER(10, 2) NOT NULL,

   total_price NUMBER(10, 2) NOT NULL,

   PRIMARY KEY (order_id,

       product_id)

);

Next, we are creating table CART

CREATE TABLE cart (

   cart_id   NUMBER(10) PRIMARY KEY,

   customer_id NUMBER(10) NOT NULL

      REFERENCES customers (customer_id),

   product_id NUMBER(10) NOT NULL

      REFERENCES products (product_id),

   quantity   NUMBER(10) NOT NULL

);

Inserting Values to table Products:

Inserting Values to table customers:

Inserting Values to table orders:

Inserting Values to table order_items:

Inserting Values to table cart: