

SQL Code:

```
CREATE TABLE Students (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    name VARCHAR(50),  
    age INT,  
    course VARCHAR(50),  
    marks INT  
);
```

This SQL statement creates a Students table with:

- id: Unique identifier (auto-incremented primary key)
 - name: Student's name
 - age: Integer
 - course: Course name
 - marks: Integer marks
-
- Product -- Id, Barcode, Brand, Price, ManuDate, ExpDate
 - Customer -- ID, Firstname, Lastname, EmailId
 - Course -- ID, CourseName, Instructor

These lines show the structure or attributes for common entities – probably to help with creating similar tables or classes.

- DDD -- Domain Driven Design
- BDD -- Behavior Driven Design
- TDD -- Test Driven Design

These are software design and testing methodologies.

My understanding:

The SQL tables (Students, Product, Customer, etc.) are structured similarly to classes in OOP.

Just like we store data in tables, in OOP, we store data in objects.

Why do we still use OOP (Object-Oriented Programming)?

We still use OOP because it's practical, intuitive, and excellent for building large, maintainable software systems.

We create objects to bring class blueprints to life — to store data and behavior in a modular way.