Test_1

Best seller in 1996 in regarding to total sale value
1) select data in orders in 1996
2) join Orders and Orderdetails with necessary variables only
3) join the above table with Products table
4) order the table by SUM(quantity x price)

```
select EmployeeID, sum(quantity x price) as TotalSaleValue from
(SELECT from (SELECT Orders.orderID, Orders.EmployeeID, Orders.orderDate from Orders
where orderDate between '1996-07-04' and '1996-12-31')Orders
join (SELECT Orderdetails.orderID, Orderdetails.productID, Orderdetails.quantity from
Orderdetails)Orderdetails
on Orders.orderID = Orderdetails.orderID
join (SELECT Products.price,Products.productid from Products) Products
on Orderdetails.productID = Products.productID)
group by EmployeeID
order by TotalSaleValue DESC
```

Test_2

```
CREATE TABLE samples (
id INTEGER PRIMARY KEY AUTO_INCREMENT NOT NULL,
sample_id INTEGER NOT NULL,
disease_status VARBINARY(3),
dignostic_date DATE NOT NULL,
age integer NOT NULL,
);

CREATE TABLE mutations (
id INTEGER PRIMARY KEY AUTO_INCREMENT NOT NULL,
sample_id INTEGER NOT NULL,
chromosome INTEGER NOT NULL,
position INTEGER(12) NOT NULL,
reference_base VARCHAR(1) NOT NULL,
alternative_base VARCHAR(1) NOT NULL,
)
```