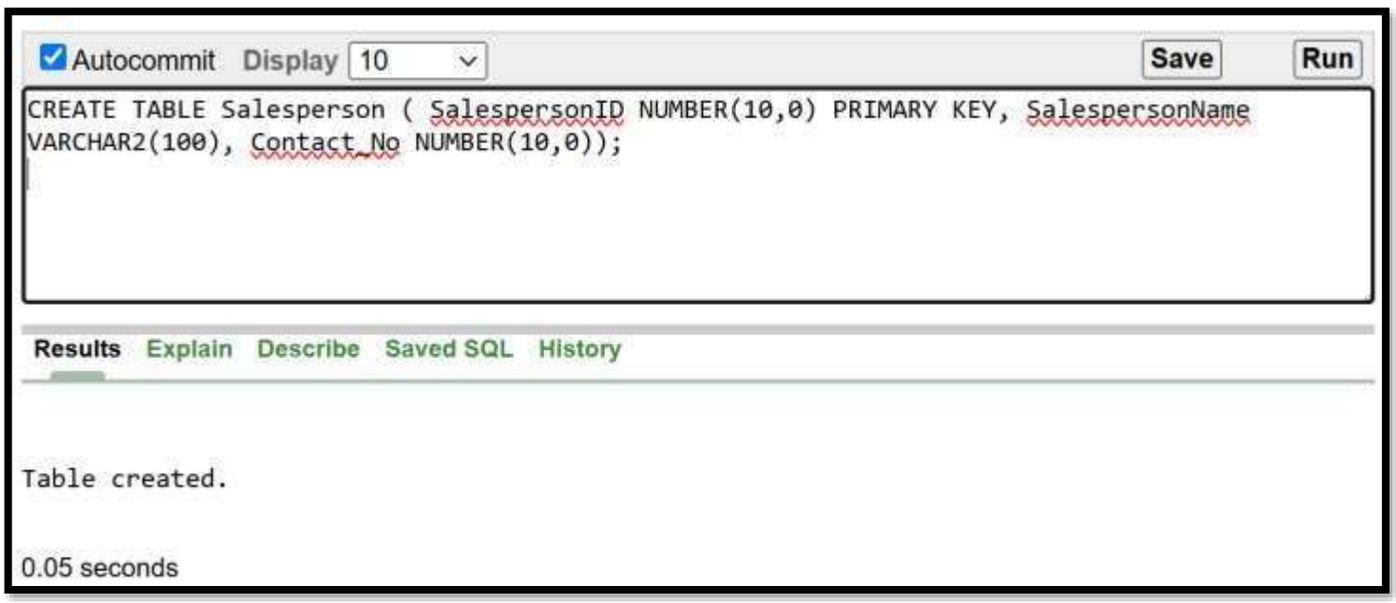
Instructions:
Apply the concept of database design by analyzing the given problem. Create a database design based on the provided business rules. Include a copy of the **Entity Relationship Diagram (ERD).**

XYZ Electronics Store operates a retail outlet that sells various electronic devices, including new and refurbished items, and provides repair services for its customers. Based on the following business rules, design a database:

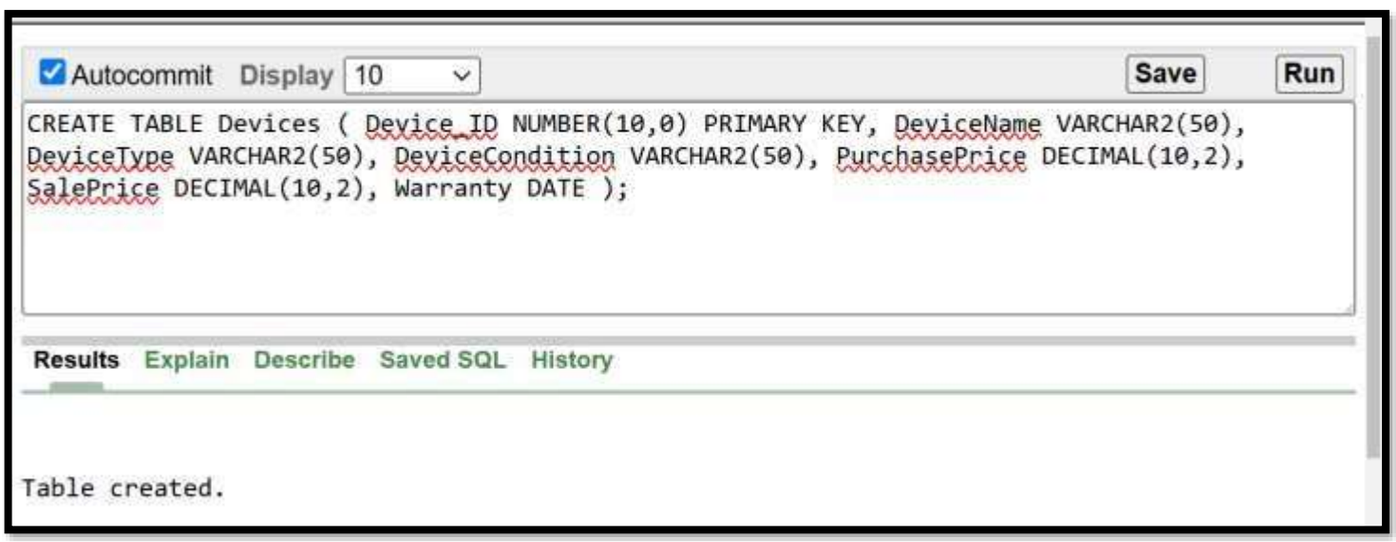
Database Design

- **A salesperson may sell many devices, but each device is sold by only one salesperson.**

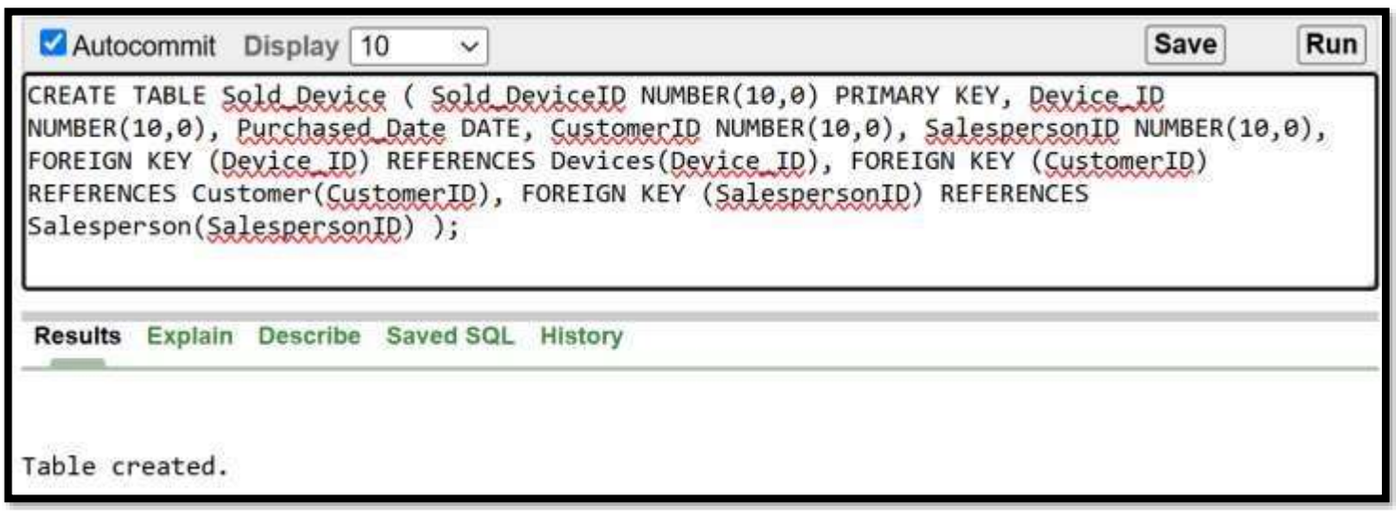
//For Sales Person



//For the Electronic Devices to be Sold

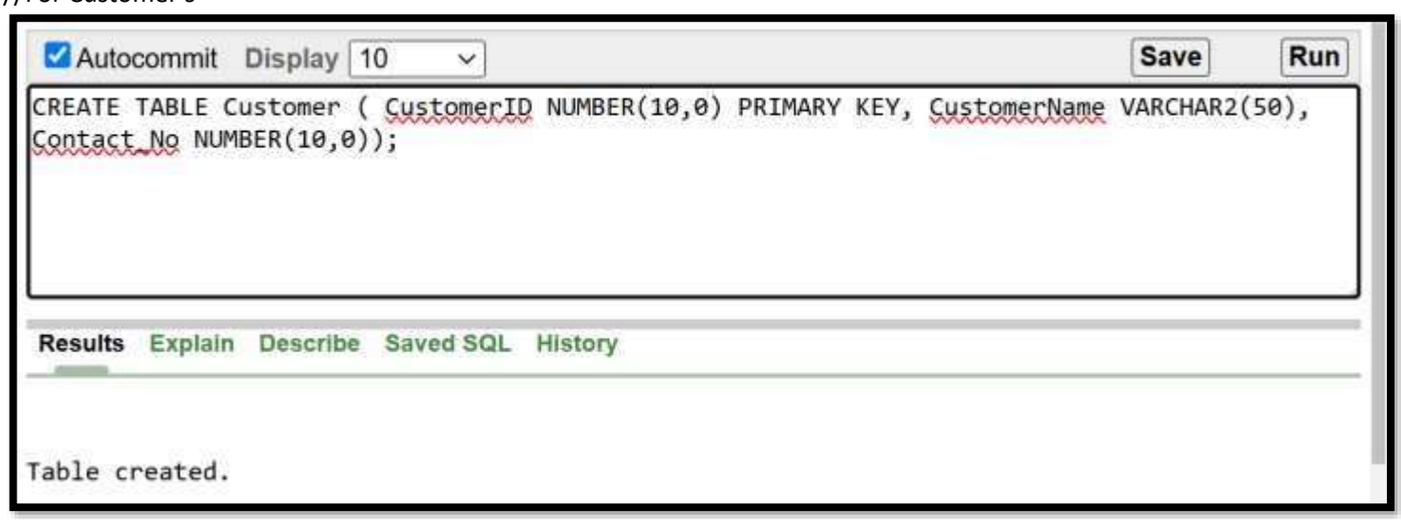


//For the Electronic Devices Sales Person Already Sold (I add the customer first before this)



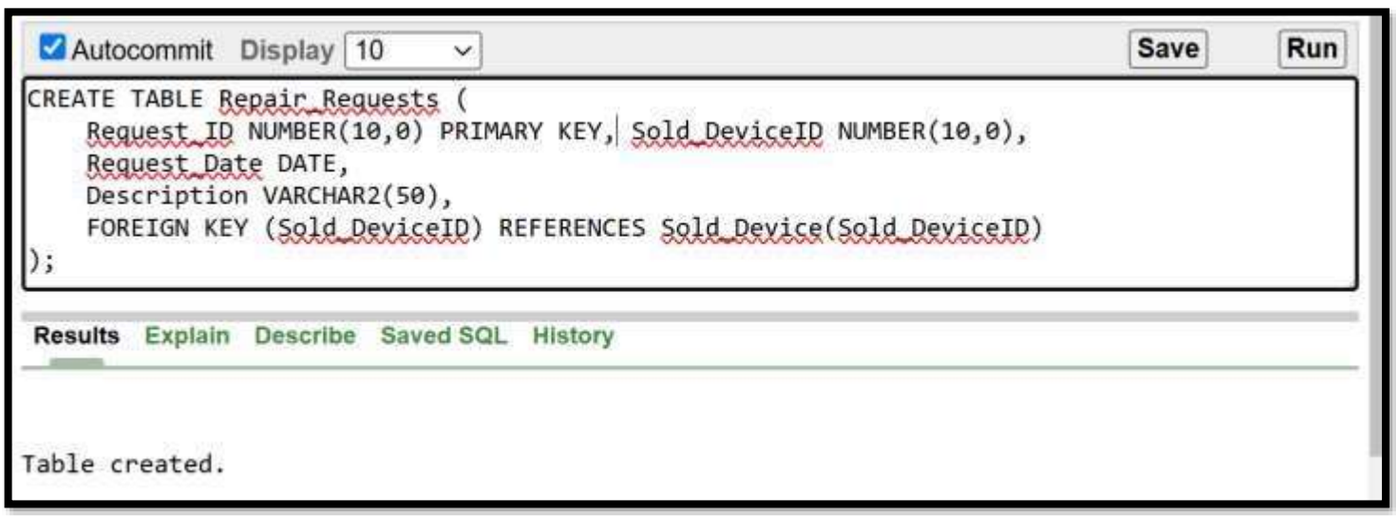
- **A customer may purchase multiple devices, but each device is purchased by only one customer.**

//For Customer's



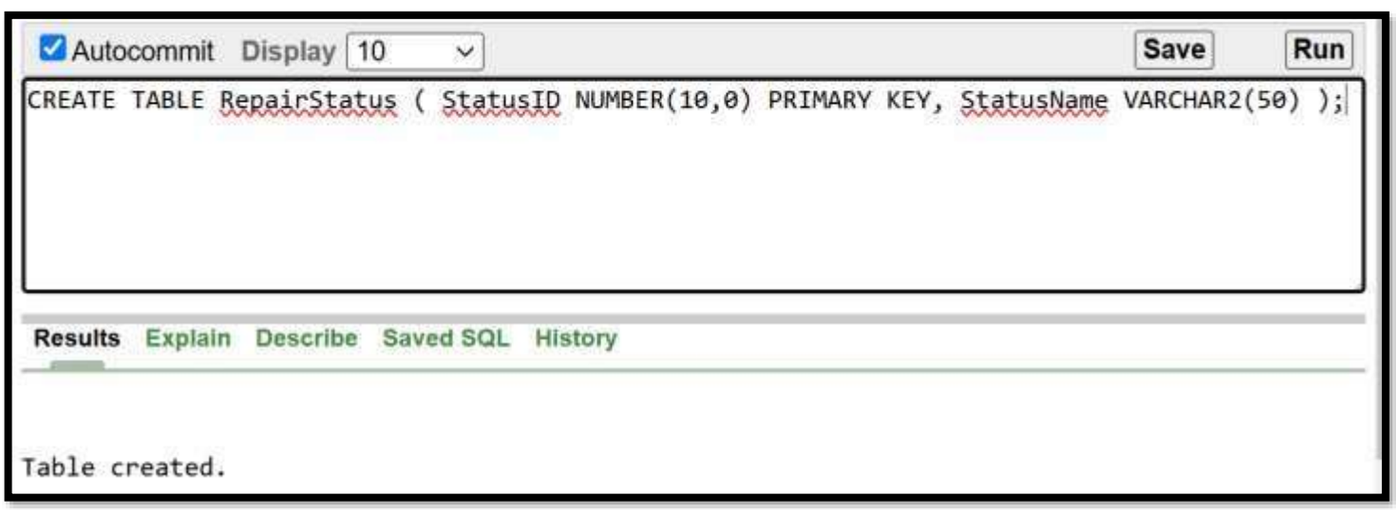
- **A customer may also visit the store solely to request repair services for their electronic devices.**

//For the Request Repair details

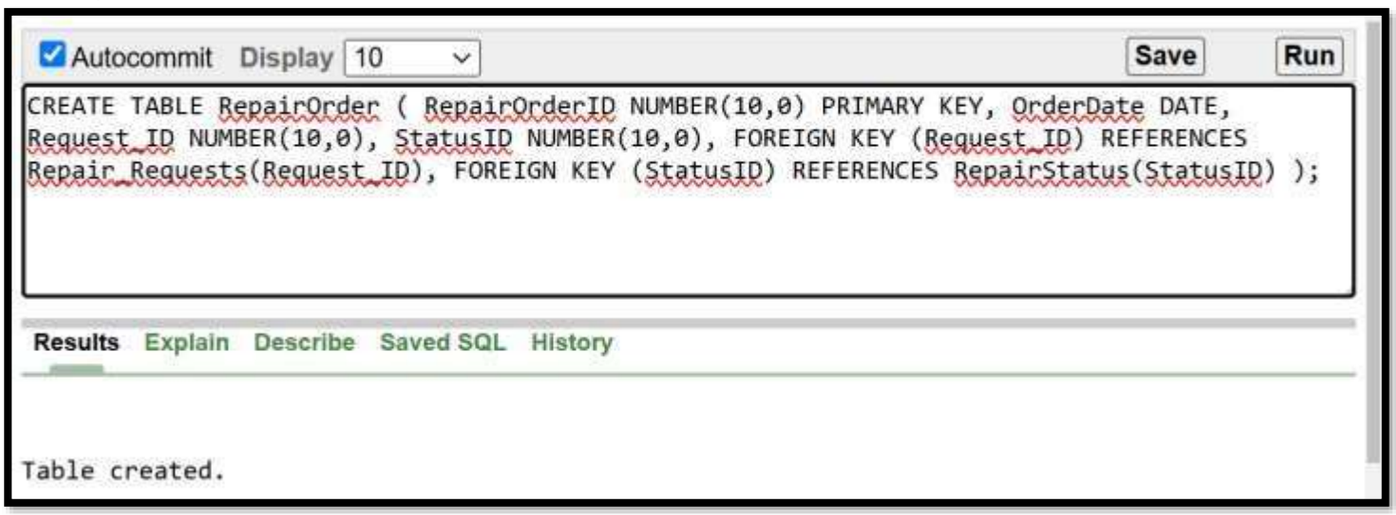


- **For every device brought in for repair, the store issues a unique repair order.**

//For the status

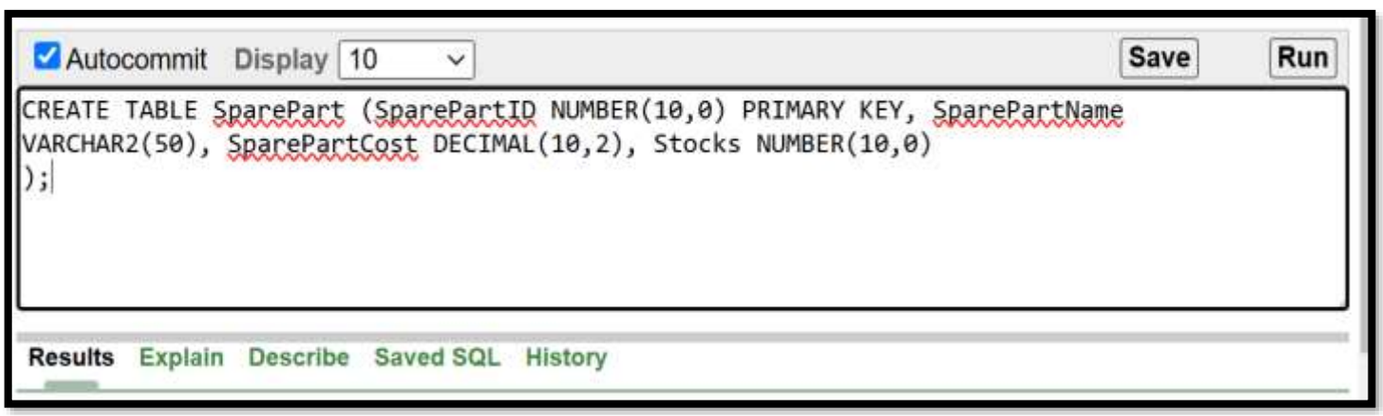


//The Repair Order



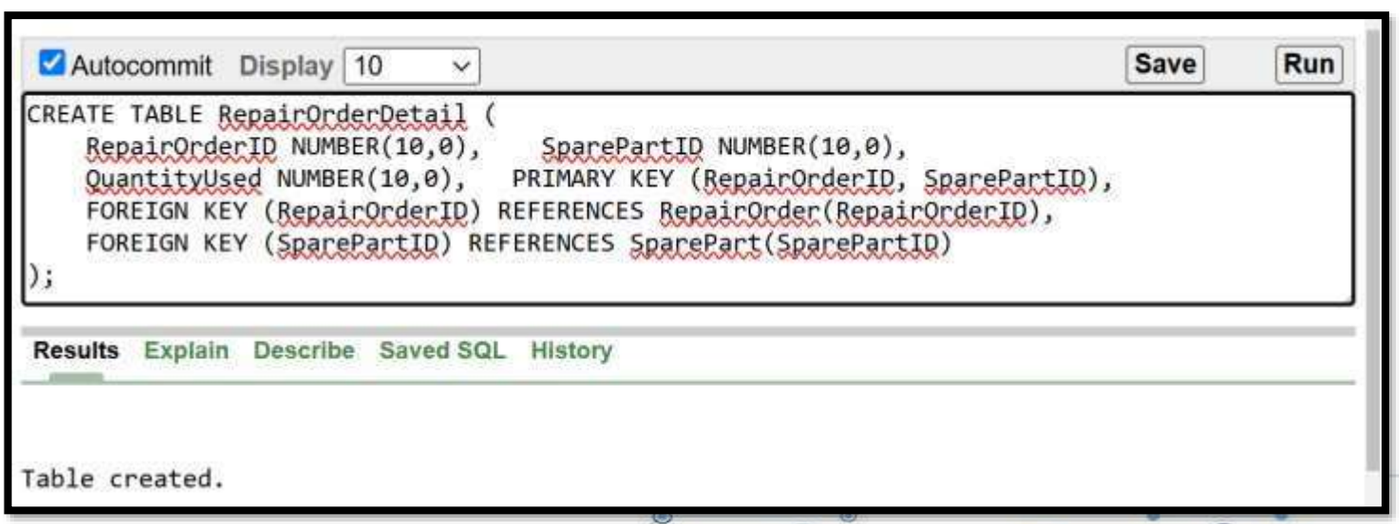
- **The store keeps track of all available spare parts, which can be updated as new parts are added.**

//To track Spare Parts



- **Each repair order may involve one or more spare parts, and the database must record which parts were used for each repair.**

// More Detailed Repair Order



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Entity Relationship Diagram (ERD)