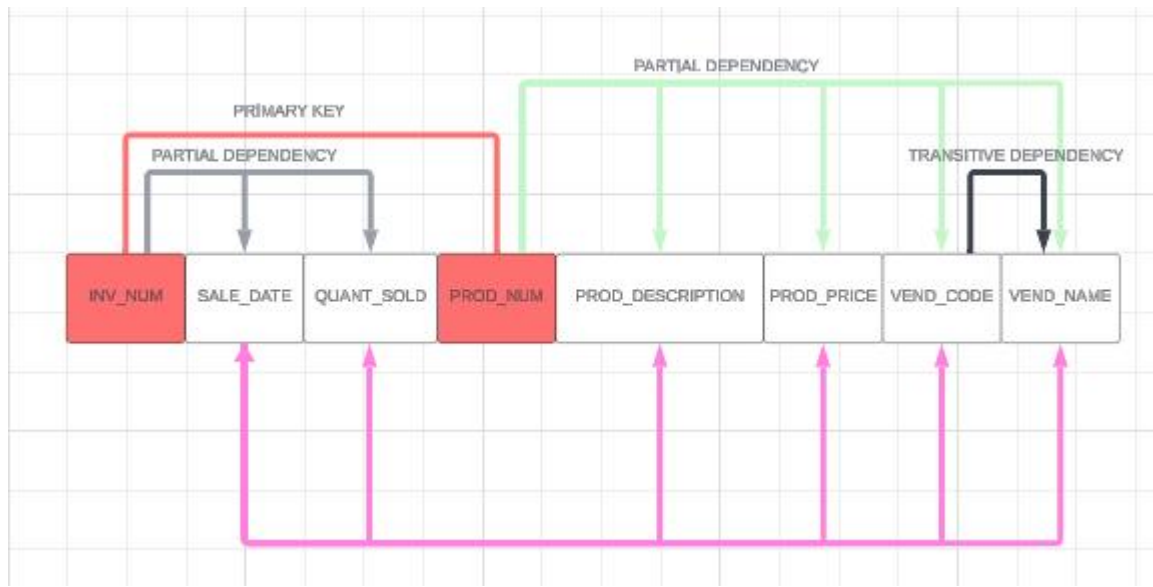
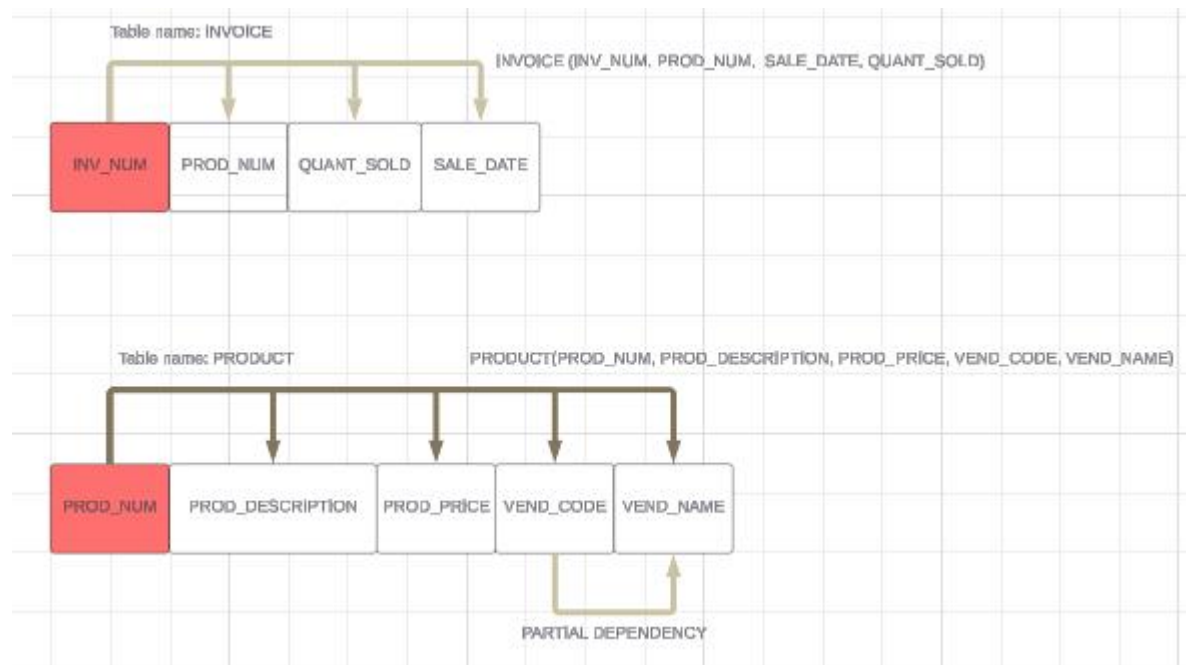


## Task

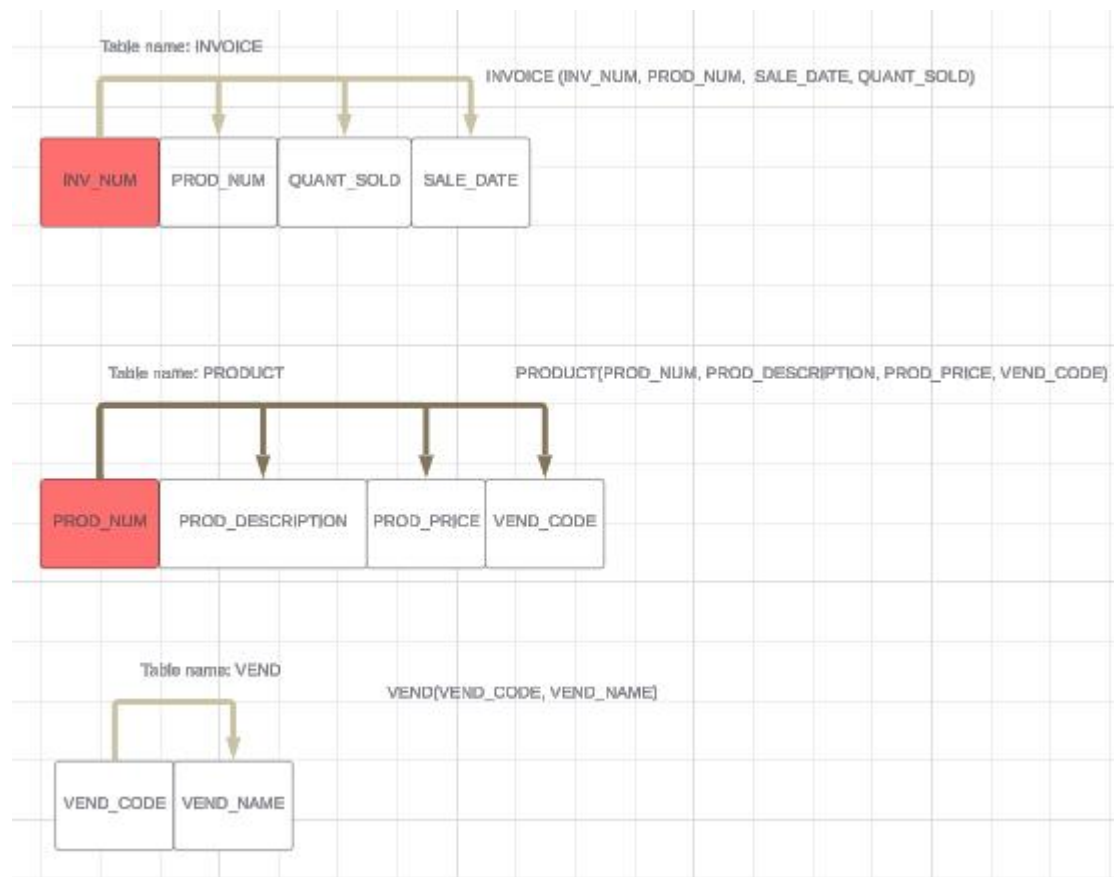
Draw dependency diagram and identify all dependencies



Remove all partial dependencies and draw dependency diagrams of new table structures



Remove transitive dependencies in all tables  
and draw dependency diagrams of all tables



Check each table if they satisfy conditions for 1NF, 2NF, 3NF and justify why they do or do not satisfy.

1NF:

1. There are no repeating groups;
2. Each record must be unique
3. It has a PK

2NF:

1. It is in 1NF
2. There is no partial dependency

3NF:

1. It is in 2NF
2. There is no transitive dependency

	INVOICE	PRODUCT	VEND
1NF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2NF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3NF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Draw a complete Entity Relationship Diagram (ERD) of the database.

