**CS443 – Lab 2**

**Question 1:**

Consider the following information:

Supplier: SupplierId, SupplierName, SupplierAddress (The address consists of StreetName, AptNo, PostalCode)

Shipment: ShipmentId, ShipmentDate, ShipmentTime

Item: ItemNo, ItemDescription, QuantityOnHand

One supplier can send many shipments; however, a particular shipment is only sent by one supplier. One item can be in many shipments and a shipment can include many items. A supplier can supply many items and a particular item can also be supplied by many suppliers.

1. **Create your ERD.**

Supplier

1

R1

M

R2

M

Shipment

N

Item

M

N

R3

1. **Create associated tables**

Supplier **(SupplierID,** SupplierName, StreetName, AptNo, PostalCode, …)

Shipment (**ShipmentID**, ShipmentDate, ShipmentTime, SupplierId, …)

Item (**ItemNo**, ItemDescription, QuantityOnHand, …)

R2 (**SupplierId**, **ItemNo**)

R3 (

**Question 2:**

Provide the tables for the following ERD

