Assignment 1\_Option 1

1. Question 1



1. Question 2

Normalize that table structure to the first, second and third normalization forms

* NF1 :

CUSTOMER(Invoice\_ID, Cust\_ID, Cust\_Name, Address)

INVOICE\_DETAIL(Invoice\_ID, Quant, part, Amt)

* NF2:

CUSTOMER(Invoice\_ID, Cust­\_ID, Cust\_Name, Address)

PRODUCT(Product\_ID, Product\_Name, Price)

INVOICE\_DETAIL(Invoice\_ID, Quant, Part, Amt)

* NF3:

CUSTOMER\_INFO(Cust­\_ID, Cust\_Name, Address)

INVOICE(Invoice\_ID, Cust\_ID)

PRODUCT(Product\_ID, Product\_Name, Price)

INVOICE\_DETAIL(Invoice\_ID, Product\_ID, Quant, Amt)

Draw relational schema diagram for the tables defined in the third normalization form above

