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Assign4
Due: 2/12/2021

+ - represents a foreign key

Customer(ID, Name, Email)

Bank(Company, AccountNum, RoutingNum, ID+)

Stock(Share, Symbol, Company)

Order(Quantity, OrderNum, Limit, MarketOrder)

Transaction(Date, OrderNum+, Amount)

Canceled(Date, OrderNum+)

Placed(Date, OrderNum+, CustomerID+, StockSymbol+)

Sells(Date, CustomerID+, StockSymbol+, Amount)

Buys(Date, CustomerID+, StockSymbol+, Amount)

Withdraw(Date, StockSymbol+, BankAccNum+, BankRoutNum+, Amount)

Deposit(Date, StockSymbol+, BankAccNum+, BankRoutNum+, Amount)

Foreign Keys

- Bank relation: ID - home relation is Customer

- Transaction relation: OrderNum - home relation is Order

- Canceled relation: OrderNum - home relation is Order

- Placed relation: OrderNum - home relation is Order
  CustomerID - home relation is Customer
  StockSymbol - home relation is Stock

- Sells relation: CustomerID - home relation is Customer
                   StockSymbol - home relation is Stock

- Buys relation: CustomerID - home relation is Customer
                  StockSymbol - home relation is Stock

- Withdraw relation: BankAccNum - home relation is Bank
                      BankRoutNum - home relation is Bank
                      StockSymbol - home relation is Stock

- Deposit relation: BankAccNum - home relation is Bank
                      BankRoutNum - home relation is Bank
                      StockSymbol - home relation is Stock