# CIST 2373 – Java III

# Lab #3 – 40 Points

# 

# [Business Objects]

***Part I*** – Build a *Customer Business Object*. This class will have 6 properties, custId, custPassword, custFirstName, custLastName, custAddress and custEmail. Build an empty args Constructor in the Customer class that initializes all properties to 0 or “”. Also build a constructor that takes all 6 args and set the appropriate properties. Then build the following 3 methods:

1. selectDB(custID); //to find a customer’s info in the DB

To Test the selectDB() method use this code in the main():

Customer c1 = new Customer();

c1.selectDB(custId);

c1.display();

1. insertDB(custId, custPassword, custFirstName, custLastName, custAddress, custEmail) // to insert a new Customer in the DB
2. deleteDB(); //this method will delete the Customer from the DB

//so to check login execute the following code 🡪

Customer c1 = new Customer(); //creates empty object

c1.selectDB(id); //does the DB lookup to find Customer

String pwdb = c1.getPassword();

if (pwgui.equals(pwdb)) { //this compares pw(from gui to the

//password from the database

//login correct

}

else {

//login incorrect

}

***Part II*** – Now build an *Account Business Object*. This class will have 4 properties, acctNo, custId, type and balance. Build an empty args Constructor in the Customer class that initializes all properties to 0 or “”. Also build a constructor that takes all 4 args and set the appropriate properties. Then build the following 3 methods:

1. selectDB(acctNo); //to find a account’s info in the DB
2. insertDB(aNo, cid, ty, bal) // to insert a new Account into the DB
3. deleteDB(); //this method will delete the current Cust from the DB

To Test the selectDB() method use this code in the main():

Account a1 = new Account();

a1.selectDB(acctNo);

a1.display();