LAB7 UML DIAGRAM

#Program1

Account id:int balance: double annualInterestRate: double dateCreated: Date Account() getId(): int setId(id:int):void getBalance(): double setBalance(balance: double): void getAnnualInterestRate(): double setAnnualInterestRate(annualInterestRate : double) : void getDateCreated(): Date getMonthlyInterestRate(): double getMonthlyInterest() : double withdraw(value int):void deposit(int): void SavingAccount CheckingAccount limit: double SavingAccount() CheckingAccount() withdraw(value int):void setLimit(limit : double) : void withdraw(value int):void

#Program2

NewAccount

name : String
id : int
balance : double
annualInterestRate : double

dateCreated : Date

transactions: ArrayList<Transaction>

NewAccount(name : String,id : int,balance : double)

getName() : String
 getId() : int
setId(id : int) : void
getBalance() : double

setBalance(balance : double) : void getAnnualInterestRate() : double

setAnnualInterestRate(annualInterestRate: double): void

getDateCreated() : Date
getMonthlyInterestRate() : double
getMonthlyInterest() : double
withdraw(value int) :void
deposit(int) : void

getTransactions: ArrayList<Transaction>

Transaction

date : Date type : char amount : double balance : double description : String

Transaction(type: char,amount: double,balance: double,description: String)

printTransaction(): void

#Program3

