**Exercise on Class** (Date: 13 Oct 2020)

**Name: Wong Keng**

**class BankAcct** {

**//state**

acctID

acctHolderName

acctJointHolderName

acctType

acctCreationDate

acctHolderNRIC

acctHolderNRICType

acctJointHolderNRIC

acctJointHolderNRICType

acctHolderDOB

acctJointHolderDOB

acctHolderSampleSignature

acctJointHolderSampleSignature

acctHolderSampleThumbPrint

acctJointHolderSampleThumbPrint

acctMinBal

acctBal

acctInterestRate

acctPIN

acctStatementType

creditCardLink

**//behaviour**

openAcct()

checkBal()

depositFund()

withdrawFund()

transferFund()

printStatement()

closeAcct()

computeInterest()

}

**class Saving extends BankAcct** {

**//state**

acctMinBalAdminFee

**//behaviour**

debitCardWithdraw()

debitCarLoan()

debitHousingLoan()

}

**class TimeDeposit extends BankAcct** {

**//state**

tmDepositPeriod

tmRenewalDate

**//behaviour**

tmInterestCompute()

tmCloseAcct()

}

**class Child extends BankAcct** {

**//state**

guardianName

guardianNRICType

guardianNRIC

guardianPIN

childMonthlyRecurAmt

childMonthlyDepositDate

**//behaviour**

childRecurDeposit() //monthly recurring deposit

childCloseAcct()

}