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ASSIGNMENT.NO.4

TITLE : Identify Analysis Classes and assign responsibilities. Prepare Data Dictionary. Draw Analysis class Model using UML2.0 Notations. Implement Analysis class Model-class diagram with a suitable object oriented language

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package atm;

public class ATM {

public static void main(String args[])

{

System.out.println("This is ATM class");

bank b = new bank();

                     atminfo a=new atminfo();

customer c = new customer();

account acc = new account();

transaction t = new transaction();

b.display();

a.display();

c.display();

acc.display();

t.display();

}

}

-----------------------------------------------------------------------------

package atm;

public class bank{

void display()

{

System.out.println("This is Bank class");

}

}

--------------------------------------------------------------------------------

package atm;

public class atminfo{

void display()

{

System.out.println("This is ATM information class");

}

}

---------------------------------------------------------------------------------

package atm;

public class customer{

void display()

{

System.out.println("This is Customer class");

}

}

------------------------------------------------------------------------------

package atm;

public class account{

void display()

{

System.out.println("This is Account class");

debit db = new debit();

savingsacc s=new savingsacc();

currentacc ca=new currentacc();

s.display();

ca.display();

}

}

------------------------------------------------------------------------------

package atm;

public class debit extends account {

void display()

{

System.out.println("This is Debit class");

}

}

-------------------------------------------------------------------------------

package atm;

public class savingsac extends account {

void display()

{

System.out.println("This is Savings account class");

}

}

-------------------------------------------------------------------------------

package atm;

public class currentacc extends account {

void display()

{

System.out.println("This is Current account class");

}

}

--------------------------------------------------------------------------------------------------

package atm;

public class transaction {

void display()

{

System.out.println("This is Transaction class");

withdrawal w = new withdrawal();

query q =new query();

transfer tr =new transfer();

pinvalidation p =new pinvalidation();

w.display();

q.display();

tr.display();

p.display();

}

}

---------------------------------------------------------------------------------

package atm;

public class withdrawal  extends transaction {

void display()

{

System.out.println("This is Withdrawal Transaction class");

}

}

----------------------------------------------------------------------------------

package atm;

public class query  extends transaction {

void display()

{

System.out.println("This is Query in Transaction  class");

}

}

-----------------------------------------------------------------------------------

package atm;

public class transfer  extends transaction {

void display()

{

System.out.println("This is Transfer Transaction  class");

}

}

----------------------------------------------------------------------------

package atm;

public class pinvalidation  extends transaction {

void display()

{

System.out.println("This is Pin validation in Transaction  class");

}

}

---------------------------------------------------------------------------

-----------------------------------------------------------------------------------

OUTPUT

-----------------------------------------------------------------------------------

This is ATM class

This is Bank class

This is ATM information class

This is Customer class

This is Account class

This is Debit class

This is Savings account class

This is Current account class

This is Transaction class

This is Withdrawal Transaction class

This is Query in Transaction class

This is Transfer Transaction class

This is Pin validation in Transaction class

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