package polymrphism;class Bank{ public float getRateOfInterest() { return 0; }}class ABCBank extends Bank{ public float getRateOfInterest() { return 7.5f; }}class YesBank extends Bank{ public float getRateOfInterest() { return 8.5f; }}public class MethodOverriding { public static void main(String[] args) { ABCBank obj1 = new ABCBank(); System.out.println("ABC Bank Rate Of Interest: "+obj1.getRateOfInterest()); YesBank obj2 = new YesBank(); System.out.println("Yes Bank Rate Of Interest: "+obj2.getRateOfInterest()); }}

package encapsulation;public class BankingUser { private String uid; private String customername="Jerome"; private String userpwd; private float bal=6000; public String getUid() { return uid; } public void setUid(String uid) { this.uid = uid; } public String getCustomername() { return customername; } public void setCustomername(String customername) { this.customername = customername; } public String getUserpwd() { return userpwd; } public void setUserpwd(String userpwd) { this.userpwd = userpwd; } public float getBal() { return bal; } public void setBal(float bal) { this.bal = bal; } }

package encapsulation;public class BankingUser { private String uid; private String customername="Jerome"; private String userpwd; private float bal=6000; public String getUid() { return uid; } public void setUid(String uid) { this.uid = uid; } public String getCustomername() { return customername; } public void setCustomername(String customername) { this.customername = customername; } public String getUserpwd() { return userpwd; } public void setUserpwd(String userpwd) { this.userpwd = userpwd; } public float getBal() { return bal; } public void setBal(float bal) { this.bal = bal; } }

package encapsulation;import java.util.Scanner;public class Encapsulation { public static void main(String[] args) { BankingUser user = new BankingUser();// user.setUid("ABC0001");// user.setCustomername("Jerome");// user.setUserpwd("ABC@00001");// user.setBal(6000);// System.out.println(user.getUid()+" "+user.getUserpwd()+" "+user.getCustomername()+" "+user.getBal()); //Data Validation using setter and getter() Scanner sc = new Scanner(System.in); System.out.println("Enter User ID:"); user.setUid(sc.next()); System.out.println("Enter User PWD:"); user.setUserpwd(sc.next()); if(user.getUid().equals("ABC0001") & user.getUserpwd().equals("ABC@0001")) { System.out.println("View Customer Name: "+user.getCustomername()); System.out.println("View Balance: "+user.getBal()); } else { System.err.println("Invalid Credentials..");

} }

Assignment =============Design a Java Project Called Inventory Mgmtcreate a package called com.ecommerceusercreate a packge called com.ecommeuserceappRequirement of Project=======================Different user will see the product and decide from which service they will go for purchaseAllow to see the complete Product info along with Price from diff Services (Amazon, FlipKart, Myntra)Allow to user to purchase the items from category}

package abstraction;abstract class CellPhone { String appversion; public void showCalling() { System.out.println("Phone Calling and Receiving..."); } public void showMsg() { System.out.println("Sending and Receive MSG....."); } CellPhone(String appversion) { this.appversion=appversion; System.out.println("Show App Version..: "+appversion); } abstract void gameApp(); abstract void showWeatherApp();}package abstraction;public class NewCellPhoneImpl extends CellPhone { NewCellPhoneImpl() { super("Vesrion 2.0"); } @Override void gameApp() { System.out.println("Game App also support with Cellphone App.."); } @Override void showWeatherApp() { System.out.println("Weather App also running perfect..!!"); }}

package abstraction;public class Samsung extends CellPhone { Samsung() { super("Samsung Version 1.0"); // TODO Auto-generated constructor stub } @Override void gameApp() { System.out.println("Saamsung Game App product"); } @Override void showWeatherApp() { System.out.println("Samsung Weather App product.."); } }

package abstraction;public class SamsungUser { public static void main(String[] args) { Samsung user = new Samsung(); user.showCalling(); user.showMsg(); user.gameApp(); user.showWeatherApp(); }}