**Creative Assignment Of Design Pattern**

**On**

**“AdapterDesign Pattern”**

**Submitted By**

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**Under the Guidance of**

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**Question** :-**Print the Bank Details such as Bank name ,Account Holder name , Account number by using Adapter design pattern.**

public interface CreditCard {

public void giveBankDetails();

public String getCreditCard();

}

public class BankDetails{

private String bankName;

private String accHolderName;

private long accNumber;

public String getBankName() {

return bankName;

}

public void setBankName(String bankName) {

this.bankName = bankName;

}

public String getAccHolderName() {

return accHolderName;

}

public void setAccHolderName(String accHolderName) {

this.accHolderName = accHolderName;

}

public long getAccNumber() {

return accNumber;

}

public void setAccNumber(long accNumber) {

this.accNumber = accNumber;

}

}

public class BankDetails{

private String bankName;

private String accHolderName;

private long accNumber;

public String getBankName() {

return bankName;

}

public void setBankName(String bankName) {

this.bankName = bankName;

}

public String getAccHolderName() {

return accHolderName;

}

public void setAccHolderName(String accHolderName) {

this.accHolderName = accHolderName;

}

public long getAccNumber() {

return accNumber;

}

public void setAccNumber(long accNumber) {

this.accNumber = accNumber;

}

}

public class AdapterPatternDemo {

public static void main(String args[]){

CreditCard targetInterface=new BankCustomer();

targetInterface.giveBankDetails();

System.out.print(targetInterface.getCreditCard());

}

}

OUTPUT:-

Enter the account holder name :Sneha Motghare

Enter the account number:10001

Enter the bank name :State Bank of India

The Account number 10001 of Sneha Motghare in State Bank of India bank is valid

and authenticated for issuing the credit card.

Github Link:- https://github.com/Jarvis7668/Dp-Creative-Assignment.git.