Main classı

public class Main {  
 public static void main(String[] args) {  
  
 CreditCardPayment credicardpayment=new CreditCardPayment(1000);  
 System.*out*.println("indirimli miktar kredi kartı ödemesiyle "+credicardpayment.calculateDiscount("welcome10"));  
 System.*out*.println("indirimli miktar kredi kartı ödemesiyle "+credicardpayment.calculatingDiscount("vip",8));  
  
  
 PayPallPayment paypallpayment=new PayPallPayment(1000);  
 System.*out*.println("indirimli miktar paypall ödemesiyle "+paypallpayment.calculateDiscount("welcome10"));  
 System.*out*.println("indirimli miktar paypall ödemesiyle "+paypallpayment.calculatingDiscount("vip",8));  
  
  
 CryptoPayment cryptopayment=new CryptoPayment(1000);  
 System.*out*.println("indirimli miktar cryptoyla ödemeyle "+cryptopayment.calculateDiscount("welcome10"));  
 System.*out*.println("indirimli miktar cryptoyla ödemeyle "+cryptopayment.calculatingDiscount("vip",8));  
  
  
  
 }  
}

//Payment classı

abstract class Payment {  
 protected double amount;  
 public Payment(double amount){  
 this.amount=amount;  
 }  
 abstract double calculateDiscount();  
  
 public double calculateDiscount(String code){  
 double discount=calculateDiscount();  
 if ("welcome10".equals(code)){  
 discount=amount\*0.1;  
 }  
 else if ("vip".equals(code)){  
 discount=amount\*0.15;  
 }  
  
 return amount-discount;  
  
 }  
  
  
 public double calculatingDiscount(String code,int years){  
 double discount=calculateDiscount();  
 if (years>=5){  
 discount=amount\*0.05;  
 }  
 return amount-discount;  
}  
  
}

//CreditCardPayment classı

public class CreditCardPayment extends Payment{  
 public CreditCardPayment(double amount){  
 super(amount);  
 }  
  
 @Override  
 double calculateDiscount() {  
 return amount\*0.05;  
 }  
}

//PayPallPayment classı

public class PayPallPayment extends Payment{  
 public PayPallPayment(double amount){  
 super(amount);  
 }  
  
 @Override  
 double calculateDiscount() {  
 return amount\*0.03;  
 }  
  
}

//CryptoPayment classı

public class CryptoPayment extends Payment{  
 public CryptoPayment(double amount){  
 super(amount);  
 }  
  
 @Override  
 double calculateDiscount() {  
 return amount\*0.02;  
 }  
}

