

## ASSIGNMENT NO 11

```
package assignment11;
import java.util.Scanner;
public class bitcoin implements Paymentprocessor
{
    Scanner sc=new Scanner(System.in);
    String addr;

    bitcoin()
    {
        super();
        System.out.println("ENTER ADDRESS :");
        this.addr=sc.next();
    }
    public void pay(int amount)
    {
        System.out.println("AMOUNT TO BE TRANSFER :"+amount);
    }
}
```

```

package assignment11;
import java.util.Scanner;
public class creditcard implements Paymentprocessor
{
    Scanner sc=new Scanner(System.in);
    String name,expdate;
    double mno;

    creditcard()
    {
        super();
        System.out.println("ENTER THE NAME :");
        this.name=sc.next();
        System.out.println("ENTER MOBILE NO :");
        this.mno=sc.nextDouble();
        System.out.println("ENTER EXPIRY DATE :");
        this.expdate=sc.next();
    }

    public void pay(int amount)
    {
        System.out.println("ENTER AMOUNT TO BE TRANSFER
:" +amount);
    }
}

```

```
package assignment11;
public class Order
{
    private final Paymentprocessor paymentprocessor;
    private final int amount;

    public Order(int amount, Paymentprocessor
paymentprocessor)
    {
        this.amount=amount;
        this.paymentprocessor=paymentprocessor;
    }
    public void process()
    {
        paymentprocessor.pay(amount);
    }
}
```

```
package assignment11;  
import java.util.Scanner;  
public interface Paymentprocessor  
{  
    void pay(int amount);  
}
```

```
package assignment11;
import java.util.Scanner;
public class paypal implements Paymentprocessor
{
    paypal()
    {
        super();
        System.out.println("CHECKING INTERNET CONNECTION
....");
    }

    public void pay(int amount)
    {
        System.out.println("AMOUNT TO BE TRANSFER
..."+amount);
    }
}
```

```

package assignment11;
import java.util.Scanner;
public class strategy
{
    public static void main(String args[])
    {
        int ch,amt=0;
        Order order;
        Scanner sc=new Scanner(System.in);
        do
        {
            System.out.println("shopping cart");
            System.out.println("\n1. credit card \n2.
paypal \n3. bitcoin \n4. exit");
            System.out.println("ENTER YOUR CHOICE :");
            ch=sc.nextInt();
            System.out.println("AMOUNT TO BE TRANSFER :");
            amt=sc.nextInt();

            switch(ch)
            {
                case 1:
                    order=new Order(amt,new creditcard());
                    order.process();
                    break;

                case 2:
                    order=new Order(amt,new paypal());
                    order.process();
                    break;

                case 3:
                    order=new Order(amt,new bitcoin());
                    order.process();
                    break;

                case 4:
                    return;

            }
        }while(ch<5);
    }
}

```