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import java.util.regex.Matcher;
import java.util.regex.Pattern;
class customer{
String name;
String mobilenum;
String custmerId;
public customer(String name, String mobilenum, String custmerId) {
super();
this.name = name;
this.mobilenum = mobilenum;
this.custmerId = custmerId;
}
}
class Validator{
public String validateCustomerID(customer c)throws Exception{
String result="";
String num=c.mobilenum;
String fourDigit=num.substring(0,4);
String name=c.name;
String newname=name.substring(name.length()-2);
result=fourDigit.concat(newname);
if (!(result.matches(c.custmerId))){
throw new InvalidCustomerIDException("Invalid customerID");
}else
return "valid Cid";
}
public String validateMobileNo(customer c)throws Exception{
String mobnum=c.mobilenum;
long num=Long.parseLong(c.mobilenum);
if (!(c.mobilenum.matches("[6-9][0-9]{9}"))){
throw new InvalidMobileNoException("Invalid MObile number");
}else
return "Valid Mobile number";
}
class InvalidCustomerIDException extends Exception {
public InvalidCustomerIDException (String str) {
super(str);
}
}
class InvalidMobileNoException extends Exception{
public InvalidMobileNoException (String str){
super(str);
}
}
public class CustomerCareException {
public static void main(String[] args)throws Exception {
// TODO Auto-generated method stub
customer obj=new customer("Steve","9898111111","9898ve");
Validator val=new Validator();
String CID=val.validateCustomerID(obj);
String mob=val.validateMobileNo(obj);
System.out.println(mob);
System.out.println(CID);
}
}

```

