import java.util.Scanner;

class UnderAgeException extends Exception{

UnderAgeException(String s){

super(s);

}

@Override

public String toString(){

return "Sorry. You are too young for the license";

}

}

class ValidLLR extends Exception{

ValidLLR(String s){

super(s);

}

@Override

public String toString(){

return "Sorry. You do not hold a valid LLR";

}

}

class NumAccidents extends Exception{

NumAccidents(String s){

super(s);

}

@Override

public String toString(){

return "Sorry. There are accidents in last one year";

}

}

class License{

String name;

int age, no\_of\_cases;

char gender;

char validLLR;

void readData(){

Scanner in=new Scanner(System.in);

System.out.println("Enter the name: ");

name = in.nextLine();

System.out.println("Enter the age: ");

age = in.nextInt();

System.out.println("Enter the gender: ");

gender = in.next().charAt(0);

System.out.println("Do you have Valid LLR (Y/N)? ");

validLLR = in.next().charAt(0);

System.out.println("How many number of cases in past one year? ");

no\_of\_cases = in.nextInt();

}

}

public class TW8 {

public static void main(String[] args) {

License applicant =new License();

applicant.readData();

validateApplicant(applicant);

}

static void validateApplicant(License a){

try{

if(a.age<18)

throw new UnderAgeException("Underageexception:");

if(a.validLLR!='Y')

throw new ValidLLR("ValidLLRexception:");

if(a.no\_of\_cases>0)

throw new NumAccidents("Numberofaccidentsexception:");

System.out.println("Congrats!! Your license is being posted");

}

catch(UnderAgeException e){

System.out.println(e.getMessage()+e);

}

catch(ValidLLR e){

System.out.println(e.getMessage()+e);

}

catch(NumAccidents e){

System.out.println(e.getMessage()+e);

}

catch(Exception e){

System.out.println(e.getMessage()+e);

}

}

}