package practcal11;

import java.util.Scanner;

class InvalidAgeException extends Exception

{

InvalidAgeException(String s)

{

super (s);

}

}

class TestThrow

{

static void validate (int age)throws InvalidAgeException

{

if(age<18)

{

throw new InvalidAgeException ("not valid");

}

else

{

System.out.println("welcome to vote");

}

}

static void degree(int age) throws InvalidAgeException

{

if(age<17)

}

throw new InvalidAgeException ("not valid");

}

else

{

System.out.println("degree");

}

}

static void Marriage (int age)throws InvalidAgeException

{

System.out.println("¥n 1 for male ¥n 2 for female");

Scanner sc=new Scanner(System.in);

int gender=sc.nextInt();

if(age<21 && gender==1||age<18 && gender==2 )

{

throw new InvalidAgeException ("not valid");

}

else

{

System.out.println("congratulations");

}

}

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

System.out.println("age");

int age=sc.nextInt();

System.out.println("¥n1.Age verification for voting");

System.out.println("¥n2.Age verification for degree");

System.out.println("¥n3.Age verification for marriage");

int ch=sc.nextInt();

switch(ch )

{

case 1: //voting

try

{

validate(age);

}

catch(Exception m)

{

System.out.println("Exception occured:"+m);

}

break;

case 2: //degree

try

{

degree(age);

}

catch(Exception m)

{

System.out.println("Exception occured:"+m);

}

break;

case 3: //marriage

try

{

Marriage(age);

}

catch(Exception m)

{

System.out.println("Exception occured:"+m);

}

break;

}

}

}