import java .io.\*;

import java.util.\*;

class NoMatchException extends Exception

{

NoMatchException(String str)

{

super(str);

}

}

class error

{

public static void main(String args[]) throws Exception

{

Scanner ob=new Scanner(System.in);

try

{

System.out.println("enter the string");

String name=ob.nextLine();

if(!name.equals("CHRIST")) throw new NoMatchException("Name mismatch");

System.out.println("Equals");

}

catch(NoMatchException e)

{

System.out.println("Invalid");

System.out.println(e);

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

}

finally

{

System.out.println("First Finally block");

}

int a[]={5,10};

int b=5,c=5;

try

{

//int x=6/(b-c);

//b=Integer.parseInt(ob.nextLine());

a[2]=8;

System.out.println("code will not be executed");

}

catch(ArithmeticException e)

{

System.out.println("Division by zero");

}

catch(NumberFormatException e)

{

System.out.println("wrong format");

}

catch(ArrayIndexOutOfBoundsException e)

{

System.out.println("Array inedx error");

}

catch(ArrayStoreException e)

{

System.out.println("Wrong data type");

}

finally

{

System.out.println("Second Finally block");

}

int y=a[1]/a[0];

System.out.println("y="+y);

}

}