Write a program in Java to demonstrate exception handling

Program:

import java.util.\*;

class WeightLimitExceeded extends Exception{

WeightLimitExceeded(int x){

System.out.print(Math.abs(15-x)+" kg : ");

}

}

class Main {

void validWeight(int weight) throws WeightLimitExceeded{

if(weight>15) throw new WeightLimitExceeded(weight);

else System.out.println("You are ready to fly!");

}

public static void main (String[] args) {

Main ob=new Main();

Scanner in=new Scanner(System.in);

for(int i=0;i<2;i++){

try{ ob.validWeight(in.nextInt());

}

catch(WeightLimitExceeded e){

System.out.println(e); }

}

}

}

Output:

20

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