//generate 4 digit random number

public class Main

{

public static void main(String[] args) {

System.out.println(Math.round(Math.random()\*10000));

}

}

//solve x=a^b+sin(b^a)

public class Main

{

public static void main(String[] args) {

double a=5,b=3;

System.out.println(Math.sqrt(Math.pow(a,b)+Math.sin(Math.pow(b,a))));

}

}

//solve x=loga+e^a+cos(cuberoot(a))/log10b+tanb+a^b

public class Main

{

public static void main(String[] args) {

double a=5,b=3;

System.out.println((Math.log(a)+Math.exp(a)+Math.cos(Math.cbrt(a)))/(Math.log10(b)+Math.tan(b)+Math.pow(a,b)));

}

}

//find a^b if a>b else find b^a (use only math method)

public class Main

{

public static void main(String[] args) {

double a=5,b=8;

System.out.println(Math.pow(Math.max(a,b),Math.min(a,b)));

}

}

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//absolute and difference

import java.util.Scanner;

public class Main

{

static int diff21(int n)

{

int x;

x=(n<21)?(Math.abs(n-21)):(2\*(Math.abs(n-21)));

return x;

}

public static void main(String[] args) {

Scanner s=new Scanner(System.in);

int a,b;

a=s.nextInt();

b=diff21(a);

System.out.println(b);

}

}