1)

x= **int**(input())

s=x\*\*3

print(s)

2)

**import** math

r1,r2,r3= map(**float**, input().split(**" "**))

s1=math.pi\*r1\*r1

s2=math.pi\*r2\*r2

s3=math.pi\*r3\*r3

print(**"%.2f"** % s1,**"%.2f"** % s2,**"%.2f"** % s3)

3)

a,b= map(**float**, input().split(**" "**))

x=2\*a/b

print(**"%.2f"** % x)

4)

**import** math

r1=**int**(input())

s1=4\*math.pi\*r1\*r1

print(**"%.2f"** % s1)

5)

**import** math

a,b,c= map(**float**, input().split(**" "**))

p=(a+b+c)/2

print(**"%.2f"** % p)

7)

**import** math

a,b= map(**float**, input().split(**" "**))

p= math.pi\*b\*b\*a/3

print(**"%.2f"** % p)

8)

a,b= map(**float**, input().split(**" "**))

t=b/a

print(**"%.2f"** % t)

9)

**import** math

h=**int**(input())

t=math.sqrt(2\*h/9.8)

print(**"%.2f"** % t)

10)

x=**int**(input())

t=0.001\*x\*365\*24\*60\*60

print(**"%.0f"** % t)

11)

x=**int**(input())

s=(1+x)/2\*x

print(**"%.0f"** % s)

12)

x=**int**(input())

s=x\*9.8

print(**"%.2f"** % s)

13)

a,b= map(**float**, input().split(**" "**))

f=a\*b

print(**"%.0f"** % f)

14)

a,b= map(**float**, input().split(**" "**))

f=a/b

print(**"%.3f"** % f)

15)

a,b,c= map(**float**, input().split(**" "**))

r=a\*b\*c/(a\*b+a\*c+b\*c)

print(**"%.2f"** % r)

16)

from math **import** fabs,e

x,y= map(**float**, input().split(**" "**))

s1=x+y

s2=y\*y+fabs((y\*\*2+2)/(x+(x\*\*3/5)))

s3=pow(e,y+2)

c=s3+s1/s2

print (**"%.2f"** % c)

17) from math **import** pi, cos, tan, log

x,y= map(**float**, input().split(**" "**))

s1=2\*tan(x+pi/6)

s2=cos(y+x\*x)\*cos(y+x\*x)

s3=log(x\*x+2,2)

c=(s1/(1/3+s2))+s3

print (**"%.2f"** % c)

18) from math **import** \*

x,y = map(**float**,input().split(**" "**))

t1 = 1/(x+2/x\*\*2+3/x\*\*3)+exp(x\*\*2+3\*x)

t2 = atan(x+y)+fabs(5+x)\*\*2

t3 = pow(cos(y\*\*2+x\*\*2/2),2)

f2 = t1/t2-t3

print(**"%.2f"** % f2)

19) from math **import** cos, fabs, sqrt, e, log

x,y= map(**float**, input().split(**" "**))

s1=(x+y)\*(x+y)

s2=sqrt(fabs(y)+2)

s3=x-(x\*y/((x\*x/2)-5))

s4=cos(x+y)\*cos(x+y)

s5=pow((x+y),1/3)

c=log((fabs(s1+s2-s3)),e)+s4/s5

print(**"%.2f"** % c)

20)

from math **import** cos, fabs, sin

x,y= map(**float**, input().split(**" "**))

s1=x\*x+1

s2=(x\*y+y\*y)

s3=y\*y+(y+x\*y)/(fabs(x\*y)+5)

s4=1+cos(x)+1/sin(fabs(x))

c=s1/(x\*x+s2/s3)+1/s4

print(**"%.2f"** % c)

21)

a,b= map(**float**, input().split(**" "**))

s1=pow(a,1/5)

s2=pow(b\*(a+b)/(2\*b+a\*b),1/4)

s3=(a\*a+b\*b+2)

c=s1+s2\*s3

print(**"%.2f"** % c)

22)

from math **import** \*

x1,x2,c,d= map(**float**, input().split(**" "**))

s1=sin(fabs(c\*(x2\*\*3)+d\*(x1\*\*3)-c\*d))\*sin(fabs(c\*(x2\*\*3)+d\*(x1\*\*3)-c\*d))

s2=pow(c\*x1\*x1+d\*x2\*x2+7,1/2)

s3=tan(x1\*x2\*x2+d\*\*3)

c=fabs(s1/s2)+s3

print(**"%.2f"** % c)

23)

def main():

from math **import** cos

a,b,c,d,x = map(**float**, input().split())

**try**:

y = (a\*x\*\*2 + b\*x + c) / (x\*a\*\*3+ a\*\*2 + a \*\* (b-c)) + cos(abs(

(a\*x + b) / (c\*x +d + 2\*\*c)

))

except ZeroDivisionError:

print(**'1.00'**)

**return**

print(f'{y:.2f}**')**

**main()**

**24)**

from math **import** sqrt,fabs,cos

a,b,c,x= map(**float**, input().split(**" "**))

s1=sqrt(fabs(x\*\*3+3\*x)+cos(x-2))

s2=a/4+b/3+c/2+1

c=0.75+((8.2\*x\*x+s1)/s2)

print(**"%.2f"** % c)

25)

from math **import** \*

a,x = map(**float**, input().split(**" "**))

t1 = sqrt(x-1)+sqrt(x+2)

t2 = log(sqrt(a\*x\*x)+2,10)

t3 = sqrt(x+2)+sqrt(x+24)+pow(x,5)

TT = (t1+t2)/sqrt(t3)

print(**"%.2f"** % TT)

26)

from math **import**\*

a,x,y= map(**float**, input().split(**" "**))

s1=exp(x\*y)-x\*sin(a\*x)-(x\*x+2)/(fabs(x)+5)

s2=log((x\*x+2),e)+5

c=sqrt(s1)+sqrt(s2)

print(**"%.2f"** % c)

27)

from math **import**\*

x=**float**(input())

s1=2\*tan(x+2)-cos(x+pow(2,x))

s2=1+cos(x+2)\*cos(x+2)

s3=sin(x\*x)

s4=x\*x+3

c=sqrt(s1/s2)+s3/s4

print(**"%.2f"** % c)

28)

from math **import**\*

a,x= map(**float**, input().split(**" "**))

s1=x\*sin(x/2+x/3+x/4)

s2=log(x\*x-2,10)+pow(3,a)

s3=cos(x+3)\*sin(x+3)+8

c=s1+s2/s3

print(**"%.2f"** % c)

29)

from math **import**\*

a,x,y= map(**float**, input().split(**" "**))

s1=y\*y+exp(x)

s2=exp(x)+a/(x\*x+2)

s3=(cos(x))\*\*2/sin(x\*x)

c=sqrt(s1+sqrt(s2)+s3)+(cos(x))\*\*3

print(**"%.2f"** % c)

30)

from math **import**\*

x,y,z= map(**float**, input().split(**" "**))

s1=sqrt(x+pow(fabs(y)+2,1/4))

s2=exp(x-1)

s3=sin(z+2)

c=pow(2,-x)\*s1\*pow(s2/s3+2,1/3)

print(**"%.2f"** % c)

31)

a,b= map(**float**, input().split(**" "**))

**if** a>b:

print(a, b)

**else**:

print(b, a)

32)

x,y,z= map(**float**, input().split(**" "**))

**if** x>y>z:

print(x, z)

**if** x>z>y:

print(x, y)

**if** y>x>z:

print(y, z)

**if** y>z>x:

print(y, x)

**if** z>y>x:

print(z, x)

**if** z>x>y:

print(z, y)

33)

x,y,z = map(**float**,input().split(**" "**))

maxx = max(x+y+z,x,y,z)

minn = (min(x+y/2, x, y,z))\*\*2

print(**"%.2f"** % maxx, **"%.2f"** % minn)

34)

x,y,z= map(**float**, input().split(**" "**))

**if** x<y<z:

print(**"YES"**)

**else**:

print(**"NO"**)

35)

from math **import** \*

a,b,c=map(**float** ,input().split())

**if** (a>=b) **and** (b>=c):

print(**int**(2\*a),**int**(2\*b) ,end=**" "**)

print(**int**(2\*c))

**else**:

x=abs(a)

y=abs(b)

z=abs(c)

print(**int**(x),**int**(y) ,end=**" "**)

print(**int**(z))

36)

x,y= map(**int**, input().split(**" "**))

**if** y>x:

print(x, y)

**else**:

print(x)

37)

x,y= map(**int**, input().split(**" "**))

**if** y>=x:

print(0, y)

**else**:

print(x,y)

38)

x,y,z= map(**float**, input().split(**" "**))

**if** 1<=x<=3:

print(x, end=**' '**)

**if** 1<=y<=3:

print(y, end=**' '**)

**if** 1<=z<=3:

print(z)

39)

x,y= map(**float**, input().split(**" "**))

**if** x>y:

print(2\*x\*2\*y, (x+y)/2)

**else**:

print((x+y)/2, 2\*x\*2\*y)

40)

x,y,z= map(**int**, input().split(**" "**))

**if** x>0:

print(x\*x, end=**' '**)

**else**:

print(x, end=**' '**)

**if** y>0:

print(y\*y, end=**' '**)

**else**:

print(y, end=**' '**)

**if** z>0:

print(z\*z, end=**' '**)

**else**:

print(z, end=**' '**)

41)

x,y,z = map(**float**,input().split(**" "**))

**if** (x<1 **and** y<1 **and** z<1):

**if** x==min(x,y,z):

x=(y+z)/2

elif y==min(x,y,z):

y=(x+z)/2

**else**:

z=(y+x)/2

print(x,y,z)

42)

a,b,c,d= map(**float**, input().split(**" "**))

x=min(a,b,c,d)

**if** a<=b<=c<=d:

print(d, d, d, d)

**else**:

print(x, x, x, x)

43)

from math **import** fabs

x,y= map(**float**, input().split(**" "**))

**if** x<0 **and** y<0:

print(fabs(x), fabs(y))

**if** x>0 **and** y>0:

print(x, y)

**if** x>0 **and** y<0:

print(x+0.5, y+0.5)

**if** x<0 **and** y>0:

print(x+0.5, y+0.5)

44)

x,y,z= map(**int**, input().split(**" "**))

**if** x+y>z **and** x+z>y **and** z+y>x:

print(**"YES"**)

**else**:

print(**"NO"**)

45)

from math **import** sqrt

a,b,c= map(**int**, input().split(**" "**))

z=b\*b-4\*a\*c

**if** z>=0:

x=(-b+sqrt(z))/(2\*a)

d=(-b-sqrt(z))/(2\*a)

print(**"%.2f"** % x, end=**' '**)

print(**"%.2f"** % d)

**else**:

print(**"NO"**)

46)

a= **float**(input())

**if** a<-1:

y=1/a/a

elif a<2:

y=a\*a

**else** :

y=4

print (**'%.2f'** % y)

47)

from math **import**\*

a=**float**(input())

**if** a<1:

print(**"%.2f"** % fabs(a))

**if** 1<=a<2:

print(**"%.2f"** % 1)

**if** 2<=a:

print(**"%.2f"** % (-2\*a+5))

48)

a=**float**(input())

**if** a<=0:

print(**"%.2f"** % -a)

**if** a>0:

print(**"%.2f"** % (-a\*a))

49)

from math **import** fabs

a=**float**(input())

print(**"%.2f"** % fabs(fabs(a)-1))

50)

x,y= map(**float**, input().split(**" "**))

**if** x>=-1 **and** x<=1 **and** y<=3\*x+2 **and** y<=-3\*x+2 **and** y>=-1:

print(**"yes"**)

**else**:

print(**"no"**)

51)

from math **import** fabs

x,y= map(**float**, input().split(**" "**))

**if** x>=-1 **and** x<=1 **and** y<=fabs(x) **and** y>=-2:

print(**"yes"**)

**else**:

print(**"no"**)

52)

x,y= map(**float**, input().split(**" "**))

**if** (y<=2\*x+3 **and** y<=-x **and** y>=0) **or** (y<=2\*x+3 **and** y<=0 **and** y>=1/3\*(x-1)):

print(**"yes"**)

**else**:

print(**"no"**)

53)

from math **import** fabs

x,y= map(**float**, input().split(**" "**))

**if** (y<=1.5 **and** y>=1 **and** x>=-2 **and** x<=2) **or** (y>=fabs(x) **and** y<=1):

print(**"yes"**)

**else**:

print(**"no"**)

54)

x,y= map(**float**, input().split(**" "**))

**if** x\*x+y\*y>=1 **and** x\*x+y\*y<=4 **and** y>=0:

print(**"yes"**)

**else**:

print(**"no"**)

55)

x,y= map(**float**, input().split(**" "**))

**if** y\*y<1-x\*x:

print(**"yes"**)

**else**:

print(**"no"**)

56)

x,y= map(**float**, input().split(**" "**))

**if** x\*x+y\*y>=1./4 **and** x\*x+y\*y<=1:

print(**"yes"**)

**else**:

print(**"no"**)

57)

x,y= map(**float**, input().split(**" "**))

**if** y>=-1 **and** y<=1 **and** x>=-1 **and** x<=1:

print(**"yes"**)

**else**:

print(**"no"**)

58)

x,y= map(**float**, input().split(**" "**))

**if** x\*x+y\*y<=1 **and** y<=x/2:

print(**"yes"**)

**else**:

print(**"no"**)

59)

from math **import** fabs

x,y= map(**float**, input().split(**" "**))

**if** y>=fabs(2\*x)-1 **and** y<=1-fabs(2\*x):

print(**"yes"**)

**else**:

print(**"no"**)

60)

x,y= map(**float**, input().split(**" "**))

**if** x\*x+y\*y<=1 **and** y>=-x/2-1 **and** y<=x/2+1:

print(**"yes"**)

**else**:

print(**"no"**)

61)

from math **import** sin

n=**int**(input())

s=0

**for** i in range(1,n+1,1):

s+=sin(i)/pow(2,i)

print(**"%.2f"** % s)

62)

from math **import** sin

n=**int**(input())

s=0

**for** i in range(1,n+1,1):

s+=(pow(-1,(i-1)))\*sin(i\*\*i)/pow(2,i)

print(**"%.2f"** % s)

63)

from math **import** \*

n=**int**(input())

s=0

**for** i in range(1,n+1):

s+=pow(-1,i-1)\*1/factorial(2\*i-1)

print(**"%.4f"** % s)

64)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(-1,i-1)\*1/pow(x,2\*i)

print(**"%.3f"** % s)

65)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=i\*1/pow(x,2\*i)

print(**"%.3f"** % s)

66)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=(pow(-1,i-1))\*sin(i\*x)\*1/i

print(**"%.3f"** % s)

67)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(x,i)/sqrt(i)

print(**"%.3f"** % s)

68)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(x,i)/factorial(i)

print(**"%.3f"** % s)

69)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(-1,i)\*pow(x,i)/factorial(i)

print(**"%.3f"** % s)

70)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(-1,i-1)\*pow(x,2\*i-1)/factorial(2\*i-1)

print(**"%.3f"** % s)

71)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(-1,i-1)\*pow(x,2\*i-2)/factorial(2\*i-2)

print(**"%.3f"** % s)

72)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(x,2\*i-2)/factorial(2\*i-2)

print(**"%.3f"** % s)

73)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(x,2\*i-1)/(2\*i-1)

print(**"%.3f"** % s)

74)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=0

**for** i in range(1,n+1):

s+=pow(x,2\*i-1)/factorial(2\*i-1)

print(**"%.3f"** % s)

75)

from math **import** \*

n,x= map(**int**, input().split(**" "**))

s=1

**for** i in range(1,n+1):

s+=pow(-1,i)\*pow(x,i)/factorial(i)

print(**"%.3f"** % s)

76)

from math **import** \*

a,b,c= map(**int**, input().split(**" "**))

s=0

**for** i in range(a,c+1,3):

s+=pow((a\*i+b)/(b\*\*2+cos(i)\*\*2),(1/3))-sin(i\*\*2)/(a\*b)

print(**"%.2f"** % s)

77)

from math **import** \*

a,b,c,d= map(**int**, input().split(**" "**))

s=0

**for** i in range(c,d+1,2):

s+=pow((sin(a\*i)+b\*\*(2\*c))/(b\*\*2+cos(i)\*\*2),(1/3))-sin(i\*\*2)/(a\*b)

print(**"%.2f"** % s)

78)

from math **import** \*

a,b,c= map(**int**, input().split(**" "**))

s=0

**for** i in range(a,b+1,2):

s+=(pow(a,b)+pow(b,i)+pow(c,a))/(2\*i\*i+3\*pow(a,i))

print(**"%.2f"** % s)

79)

from math **import** pi, cos

# a,b,c= map(int, input().split(" "))

a=**int**(input())

s=0

# **for** i in range(-pi/2,pi+1,pi/19):

x=-pi/2

**while** x<=pi:

s+=pow(a,a/3)+x\*x\*cos(a\*x)

x+=pi/19

print(**"%.2f"** % s)

80)

from math **import** sin, cos

a=**int**(input())

x=0

s=0

**while** x<=10:

s+=a\*cos(x)-sin(x\*x)

x+=0.5

print(**"%.2f"** % s)

81)

from math **import** sin, cos

a,b= map(**int**, input().split(**" "**))

s=0

**for** x in range(1,13,2):

s1=b+sin(x)

s2=a\*\*3+cos(x\*\*3)\*\*2

s+=a\*a+(s1/s2)\*\*(1/5)

print(**"%.2f"** % s)

82)

from math **import** sin, cos

a,b,c= map(**int**, input().split(**" "**))

s=0

**for** x in range(1,11,3):

s+=a\*x\*x/b+x/c

print(**"%.2f"** % s)

83)

from math **import** sin, cos

a,b,c= map(**int**, input().split(**" "**))

# **for** x in range(1,11,3):

x=5

s=0

**while** x<=10 :

s+=(a\*a+b\*x+pow(x,c))/(a\*a+b\*b+x\*x)

x+=0.5

print(**"%.2f"** % s)

84)

from math **import** sin, cos

a,b,c= map(**int**, input().split(**" "**))

# **for** x in range(1,11,3):

x=-1

s=0

**while** x<=1 :

s+=pow((sin(a\*x)+b\*\*c)/(b\*\*2+cos(x)\*\*2),1/3)-sin(x\*x)/(a\*b)

x+=0.25

print(**"%.2f"** % s)

85)

from math **import** sin, cos

a,b,c= map(**int**, input().split(**" "**))

# **for** x in range(1,11,3):

x=1

s=0

**while** x<=20 :

s+=(a\*x\*x+b\*x+c)/(a\*a+b\*b+x\*x)

x+=5

print(**"%.2f"** % s)

86)

from math **import** sin, cos

a,b,c= map(**int**, input().split(**" "**))

# **for** x in range(1,11,3):

x=c

s=0

**while** x<=b :

s+=a\*a\*cos(x)+sin(x)/2+b\*x\*x

x+=0.25

print(**"%.2f"** % s)

87)

from math **import**\*

# a,b,c= map(int, input().split(" "))

a=**int**(input())

# **for** x in range(1,11,3):

x=-pi/2

s=0

**while** x<=pi :

s+=2\*pow(a\*\*sin(2\*x),1/3)+x\*x\*cos(a\*x)

x+=pi/10

print(**"%.2f"** % s)

88)

from math **import**\*

a,b,c,d= map(**int**, input().split(**" "**))

# a=**int**(input())

# **for** x in range(1,11,3):

x=d

s=0

**while** x<=c :

s+=pow((a\*x+b)/(b\*b+cos(x)\*cos(x)),1/5)-sin(x\*x)/(a\*b)

x+=1.5

print(**"%.2f"** % s)

89)

from math **import**\*

a,b,c= map(**int**, input().split(**" "**))

# a=**int**(input())

# **for** x in range(1,11,3):

x=0

s=0

**while** x<=1 :

s+=sqrt((sin(a\*x)+b\*\*c)/(b\*b+cos(x)\*\*2))-sin(x\*x)/(a\*b)

x+=0.25

print(**"%.2f"** % s)

90)

from math **import**\*

a,b,c= map(**int**, input().split(**" "**))

# a=**int**(input())

# **for** x in range(1,11,3):

x=-pi

s=0

**while** x<=pi :

s+=(log(a\*\*(2\*sin(x)))+exp(2\*x))/(atan(x)+b)+c

x+=pi/10

print(**"%.2f"** % s)

91)

**import** math

a, b, c, d = map(**int**, input().split())

s = 0

**for** m in range(1, a + 1):

s += (3 \* m\*\*3 + 4 \* m + 5) / (m\*\*3 + math.log(m))

p = 1

**for** k in range(1, b + 1):

p \*= k / (k\*\*3 + 7 \* k + 5)

sp = 0

**for** i in range(1, c + 1):

p1 = 1

**for** m in range(1, d + 1):

p1 \*= (math.log(i) + m\*\*i) / m\*\*i

sp += p1

print(f**"{s:.2f} {p:.2f} {sp:.2f}"**)

92)

from math **import** \*

x , y , c , b =map(**int** , input() . split())

s = 0

**for** a in range(1 , x + 1):

s += (a\*\*2 + 2 \* a) / (a\*\*3 + a \* cos(a)\*\*2 + 1)

P = 1

**for** i in range(1 , y + 1):

P \*= (i\*\*2 + 1) / (pow(i\*\*3 , 1/i) + 2)

sp = 0

**for** i in range(1 , c + 1 ):

p = 1

**for** k in range(1 , b + 1):

p \*= log( (pow(k , i) + pow(k , 1/i)) / (k\*\*3 + pow( i , 1/k)) )

sp += p

print(f**"{s:.2f} {P:.2f} {sp:.2f}"**)

93)

from math **import** sin, cos

x,y,a,b=map(**int**, input().split(**" "**))

s=0

**for** k in range(1,x+1):

s+=(k\*k+sin(k)+5)/(pow(k\*\*7+1,1/5))

p=1

**for** n in range(1,y+1):

p\*=(n+n\*\*(1/2))/(n-pow(n+1,1/5))

sp=0

**for** k in range(1,a+1):

p1=1

**for** i in range(1, b+1):

p1\*=(i\*i+k\*\*(2/i))/((sin(i)+cos(k))\*i\*\*k)

sp+=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

94)

from math **import**\*

x,y,c,d=map(**int**, input().split(**" "**))

s=0

**for** a in range(1,x+1):

s+=(2\*a+cos(a))\*\*2

p=1

**for** n in range(1,y+1):

p\*=(n+6)/pow(n\*n+2,1/2)

sp=0

**for** k in range(1,c+1):

p1=0

**for** b in range(1, d+1):

p1+=(k\*k+b)/pow((b\*b+k\*k),1/2)

sp+=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

95)

**import** math

x, y, c, d = map(**int**, input().split())

s = 0

**for** i in range(1, x+1):

s += (pow(i, 4) + i\*i + 3) / math.sqrt(i + math.exp(i))

p = 0

**for** k in range(1, y+1):

p += (k+1) / (pow(k, 3) + 5\*k)

sp = 0

**for** m in range(1, c+1):

p1 = 1

**for** n in range(1, d+1):

p1 \*= math.sqrt(abs(pow(m, n) - pow(n, m)) / (pow(m, n) + pow(n, m)))

sp += p1

print(**'{:.2f} {:.2f} {:.2f}'**.format(s, p, sp))

96)

from math **import**\*

x,y,c,d=map(**int**, input().split(**" "**))

s=0

**for** k in range(1,x+1):

s+=(pow(-1,k)\*(k+1))/(k\*\*3+k\*k+1)

p=1

**for** i in range(1,y+1):

p\*=((i\*\*3+fabs(i-9))/(log(i)+7\*i))

sp=1

**for** n in range(1,c+1):

p1=0

**for** m in range(1, d+1):

p1+=((pow(-1,m)\*(log(m+5))/(m\*\*(n+3)+n\*m)))

sp\*=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

97)

from math **import**\*

x,y,c,d=map(**int**, input().split(**" "**))

s=0

**for** n in range(1,x+1):

s+=1/(5-17\*n+n\*\*3)

p=1

**for** m in range(1,y+1):

p\*=sqrt(fabs(m-5)+1)/(m\*m+4\*m-1)

sp=0

**for** i in range(1,c+1):

p1=1

**for** k in range(1, d+1):

p1\*=pow(-1,i)\*pow(fabs(sin(k)+exp(k)),1/7)/(2\*fabs(4\*i\*\*3-k\*\*4))

sp+=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

98)

from math **import**\*

x,y,c,d=map(**int**, input().split(**" "**))

s=0

**for** a in range(1,x+1):

s+=(4\*a+6\*log(a))/(a\*a+a)

p=1

**for** a in range(1,y+1):

p\*=fabs(a-6\*cos(a))/(a\*a+pow(a,log(a)))

sp=0

**for** k in range(1,c+1):

p1=1

**for** a in range(1, d+1):

p1\*=(a\*k+x)/(k\*k+y\*y)

sp+=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

99)

from math **import**\*

x,y,c,d=map(**int**, input().split(**" "**))

s=0

**for** k in range(1,x+1):

s+=k\*\*3+exp(k)

p=1

**for** a in range(3,y+1):

p\*=a\*x/sqrt(a\*a+x\*x)

sp=0

**for** i in range(1,c+1):

p1=1

**for** j in range(1, d+1):

p1\*=(i\*x+j\*j)/sqrt(i\*i+j\*y)

sp+=p1

print(**"%.2f"** % s, **"%.2f"** % p, **"%.2f"** % sp)

100)

from math **import** \*

x,y,c,d = map(**int**, input().split(**" "**))

S = 0

**for** a in range(1,x+1):

S += (a\*x+4)/sqrt(a+log(6))

P = 1

**for** a in range(1,y+1):

P \*= (a\*x\*\*2+6)/sin(a\*x)

SP = 1

**for** i in range(1,c+1):

T = 1

**for** j in range(1,d+1):

T \*= (i\*j+y\*x)/sqrt((j\*x+y)\*\*i)

SP \*= T

print(**"%.2f"** % S,**"%.2f"** % P,**"%.2f"** % SP)

101)

n = **int**(input())

a = list(map(**int**, input().split()))

middle = sum(a)/len(a)

S = 0

cnt = 0

**for** i in range(0,n):

**if** a[i] < middle:

S += a[i]

cnt += 1

j = S/cnt

print(f**"{j:.2f}"**)

102)

n=**int**(input())

v=[**float**(j) **for** j in input().split()]

a,b=map(**int**,input().split())

t=min(v)

**for** i in range(a-1,b):

v[i]=v[i]/t+0.01

print(\*[f**"{x:.1f}"** **for** x in v]

103)

n=**int**(input())

a = list(map(**int**, input().split()))

k,l=map(**int**, input().split())

s=0

**for** i in range(k-1,l):

s+=a[i]

print(**"%.1f"** % (s/(l-k+1)))

105)

n=**int**(input())

a = list(map(**int**, input().split()))

x,y=map(**int**, input().split())

s=0

b=sum(a)

z=0

**for** i in range(x-1,y) :

s+=a[i]

z+=1

print(**"%.2f"** % ((b-s)/(n-z)))

106)

n=**int**(input())

a = list(map(**int**, input().split()))

s=0

**for** i in range(0,n):

s+=a[i]\*a[i]

print(s)

107)

n=**int**(input())

a = list(map(**int**, input().split()))

maxx=max(a)

s=0

**for** i in range(0,n):

s=a[i]/maxx

print(**"%.2f"** % s, end=**" "**)

108)

n=**int**(input())

a = list(map(**int**, input().split()))

x=min(a)

s=0

**for** i in range(0,n):

s=a[i]/x

print(**"%.2f"** % s, end=**" "**)

109)

from math **import** \*

n=**int**(input())

a = list(map(**int**, input().split()))

m=**int** (input())

s=1

**for** i in range(0,n):

**if** a[i]>m:

s\*=a[i]

print(**"%.2f"** % log(s), end=**" "**)

110)

from math **import** \*

n=**int**(input())

a = list(map(**int**, input().split()))

k,m = map(**int**, input().split())

s=1

**for** i in range(0,n):

**if** a[i]==k **or** a[i]==m:

s\*=a[i]

print(s)

111)

n=**int**(input())

a = list(map(**int**, input().split()))

m =**int**(input())

s=0

**for** i in range(0,n):

**if** a[i]>m:

s+=a[i]

print(s)

112)

n=**int**(input())

a = list(map(**int**, input().split()))

s=1

**for** i in range(0,n,2):

s\*=a[i]

c=0

**for** j in range(1,n,2):

c+=a[j]

print(**'%.2f'** % (s/c))

113)

n=**int**(input())

a = list(map(**int**, input().split()))

x=0

s=0

**for** i in range(0,n):

**if** a[i]<0:

s+=a[i]

x+=1

print(**"%.2f"** % (s/x))

114)

from math **import** sin

n=**int**(input())

a = list(map(**int**, input().split()))

s=1

**for** i in range(0,n):

**if** a[i]%2==0 **or** a[i]%5==0:

s\*=a[i]

print(**"%.2f"** % sin(s))

115)

n=**int**(input())

a = list(map(**int**, input().split()))

m=**int**(input())

s=0

**for** i in range(0,n):

**if** a[i]<m:

s+=(a[i])\*\*2

print(s)

116)

def main():

input()

a = [**int**(i) **for** i in input().split()]

m = max(a)

a = [print(f'{i/m+0.00001:.2f}**', end='** **') for i in a]**

**main()**

117)

n=**int**(input())

a = list(map(**int**, input().split()))

s=0

**for** i in range(0,n,2):

s+=a[i]

print(s)

118)

n=**int**(input())

a = list(map(**int**, input().split()))

x=0

s=0

**for** i in range(0,n):

**if** a[i]%2==1:

s+=a[i]

x+=1

print(**"%.2f"** % (s/x+0.0001))

120)

n=**int**(input())

a = list(map(**int**, input().split()))

x,y=map(**int**, input().split())

s=0

**for** i in range(0,n):

**if** a[i]>=x **and** a[i]<=y:

s+=1

print(n-s)

121)

n=**int**(input())

a = list(map(**int**, input().split()))

z=**int** (input())

s=0

**for** i in range(z,n):

s+=a[i]

print(s)

122)

n=**int**(input())

a = list(map(**int**, input().split()))

s=0

x=0

**for** i in range(0,n):

s+=(a[i])\*\*2

x+=a[i]

print(s)

print(**"%.2f"** % (x/n))

123)

n=**int**(input())

a = list(map(**int**, input().split()))

x=0

**for** i in range(1,n,2):

x+=a[i]

**for** j in range(0,n):

**if** a[j]%2!=1 **or** a[j]<0:

print(**"%.2f"** % a[j])

**else**:

print(**"%.2f"** % (a[j]/x), end=**" "**)

124)

s=0

n=**int**(input())

aa=list(map(**int**,input().split()))

k=**int**(input())

maxx=max(aa)

**for** i in range(n):

**if** aa[i]==maxx:

print(aa[k-1])

elif i==k-1:

print(maxx)

**else**:

print(aa[i])

125)

n=**int**(input())

a = list(map(**int**, input().split()))

k,l=map(**int**, input().split())

s=0

**for** i in range(k-1,l) :

s+=(a[i])\*\*3

print(s)

126)

from math **import** log

n=**int**(input())

a = list(map(**int**, input().split()))

s=sum(a)

**for** i in range(0,n) :

**if** a[i]<0:

a[i]=log(s/n)

**for** j in a:

print(**"%.2f"** % (j), end=**" "**)

127)

n=**int**(input())

a = list(map(**int**, input().split()))

m=min(a)

**for** i in range(0,n) :

**if** a[i]<0:

a[i]=m\*m

print(\*a)

128)

n=**int**(input())

a = list(map(**int**, input().split()))

s=0

x=0

**for** i in range(0,n) :

**if** a[i]%2==0:

s+=a[i]

x+=1

print(**"%.2f"** % (s/x))

129)

n=**int**(input())

a = list(map(**int**, input().split()))

s=0

**for** i in range(0,n) :

**if** a[i]%2==0 **or** a[i]%3==0 **or** a[i]%5==0:

s+=a[i]

print(s)

130)

n, m = map(**int**, input().split())

b = []

v = []

max\_v = []

min\_v = []

**for** i in range(0,n):

a = list(map(**int**, input().split()))

v.append(sum(a))

max\_v.append(max(a))

min\_v.append(min(a))

b.append(a)

print(\*v)

print(max(max\_v),min(min\_v))

131)

n, m = map(**int**, input().split())

b = []

max\_v = []

min\_v = []

**for** i in range(n):

a = list(map(**int**, input().split()))

b.append(a)

max\_v.append(max(a))

min\_v.append(min(a))

# Ustun elementlari yig'indisi

v = [sum(n) **for** n in zip(\*b)]

print(\*v)

print(max(max\_v), min(min\_v))

132)

z = **int**(input())

a = list(map(**int**, input().split()))

n, m = map(**int**, input().split())

**for** i in range(0, n \* m - z):

a.append(0)

# Reshaping the list into a matrix

v = []

index = 0

**for** i in range(n):

r = []

**for** j in range(m):

r.append(a[index])

index += 1

v.append(r)

**for** j in v:

print(\*j)

133)

n=**int**(input())

a,b=[],[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in range(n):

b.append(list(map(**int**,input().split())))

**for** i in range(n):

print(\*a[i],\*b[i])

134)

n, m = map(**int**, input().split())

a = [list(map(**int**, input().split())) **for** \_ in range(n)]

b = list(map(**int**, input().split()))

#134

**for** i in range(n):

**if** a[i][0] < b[0]:

x = i

**break**

**for** i in range(n):

**if** i == x:

print(\*b)

print(\*a[i])

135)

n, m = map(**int**, input().split())

# b = []

v = []

**for** i in range(0, n):

a = list(map(**int**, input().split()))

v.append(a)

# b.append(a)

z=**int**(input())

v.pop(z-1)

**for** j in v:

print(\*j)

136)

n, m = map(**int**, input().split())

a=[]

v=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

z=**int**(input())

**for** i in a:

del i[z-1]

**for** j in a:

print(\*j)

137)

a,b=[],[]

n=**int**(input())

**for** i in range(n):

a.append(list(map(**int**,input().split())))

m=**int**(input())

**for** i in range(len(a)):

**for** j in range(len(a[i])):

**if** a[i][j]%m==0:

b.append(a[i][j])

print(f**"{(sum(b)/len(b)):.2f}"**)

138)

n=**int**(input())

a=[]

v=[]

d=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in range(0,n):

**for** j in range(0,n):

**if** i==j:

v.append(a[i][j])

a.reverse()

**for** i in range(0,n):

**for** j in range(0,n):

**if** i == j:

d.append(a[i][j])

maxx=max(v)

minn=min(d)

print(maxx,minn)

139)

n, m = map(**int**, input().split())

#n=**int**(input())

a=[]

v=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in range(0,n):

**for** j in range(0,m):

**if** a[i][j] <0:

t=i

z=j

**for** i in range(0, n):

**for** j in range(0, m):

**if** j==z :

del a[i][j]

**for** i in range (0,n):

**if** i==t:

del a[i]

**for** i in a:

print(\*i)

140)

n, m = map(**int**, input().split())

a = [list(map(**int**, input().split())) **for** \_ in range(n)]

x, y = map(**int**, input().split())

b = [list(map(**int**, input().split())) **for** \_ in range(x)]

c = [[0] \* y **for** \_ in range(n)]

**for** i in range(n):

**for** j in range(y):

sum\_value = 0

**for** k in range(m):

sum\_value += a[i][k] \* b[k][j]

c[i][j] = sum\_value

print(c[i][j], end=**" "**)

print()

141)

n, m = map(**int**, input().split())

a=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

x, y = map(**int**, input().split())

s=0

l=0

**for** i in range(len(a)):

**for** j in range(0,m):

**if** a[i][j]>=x **and** a[i][j]<=y:

s+=a[i][j]

l+=1

print(**"%.2f"** % (s/l))

142)

n=**int**(input())

a=[]

v=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in range(0,n):

**for** j in range(i,n):

v.append(a[i][j])

maxx=max(v)

minn=min(v)

print(\*v)

print(maxx,minn)

143)

n, m = map(**int**, input().split())

#n=**int**(input())

a=[]

v=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in a:

v.append(sorted(i))

**for** j in v:

print(\*j)

144)

145)

n, m = map(**int**, input().split())

#n=**int**(input())

a=[]

v=[]

**for** i in range(n):

a.append(list(map(**int**,input().split())))

**for** i in a:

v.append(sum(i))

**for** i in range(0,n):

print(\*a[i],v[i])

146)

147)

x= input()

b = x.count(**"A"**)

z= x.count(**"Y"**)

print(b)

print(z)

148)

a = list(input().split())

**for** i in a:

**if** i[0] == **"A"**:

print(i)

149)

a = list(input().split())

b=0

z=[]

**for** i in a:

**if** i[-2:]==**"NA"**:

b+=1

z.append(i)

print(b)

print(\*z)

150)

s=input().split(**" "**)

r=**""**

**for** i in s:

**if** i.find(**"Info"**)!=-1:

r+=i

r+=**" "**

print(r)

151)

a = input()

z=0

**for** i in a:

**if** i==**"A"** **or** i==**"a"** **or** i==**"O"** **or** i==**"o"** **or** i==**"I"** **or** i==**"i"** **or** i==**"U"** **or** i==**"u"** **or** i==**"E"** **or** i==**"e"**:

z+=1

print(z)

152)

a = input()

b=a[::-1]

print(b)

153)

a = list(input().split())

b=[]

**for** i in a:

print(i,len(i)

154)

son =**int**(input())

son2=str(son)

s=0

**for** i in son2:

s+=**int**(i)

print(s)

155)

a =list(input().split())

b=0

**for** i in a:

**if** ord(i[0])<=90:

b+=1

print(b)

156)

a =list(input().split())

n,m=map(**int**, input().split())

x=a[m-1]

**for** i in range(len(a)):

a[m-1]=a[n-1]

a[n-1]=x

print(\*a)

157)

a =list(input().split())

n=**int**(input())

x=**"TATU"**

**for** i in range(len(a)):

a[n-1]=x

print(\*a)

158)

a =list(input().split())

x=0

z=0

**for** i in a:

**if** len(i)%2==1:

z+=1

**else**:

x+=1

print(z\*x)

159)

a = list ( map(str , input().split()))

s=0

**for** i in a:

**if** i[0] == **'a'** **and** i[-1] == **'b'** :

s += 1

print(s);

160)

a =input()

z=0

**for** i in a:

**if** ord(i)>=65 **and** ord(i)<90:

i=chr(ord(i)+32)

elif ord(i)>=97 **and** ord(i)<=122:

i=chr(ord(i)-32)

print(i, end=**""**)

161)

n=**int**(input())

a =input().split()

z=0

s=0

b=0

w=0

r=0

**for** i in a:

**if** ord(i)==65:

z+=1

elif ord(i)==83:

s+=1

elif ord(i)==76:

b+=1

elif ord(i)==79:

w+=1

elif ord(i)==77:

r+=1

**if** z>=2 **and** s>=2 **and** b>=1 **and** w>=1 **and** r>=1:

print(**"YES"**)

**else**:

print(**"NO"**)

162)

n=**int**(input())

a =input()

a=a.replace(**"$"**,**""**)

print(a)

163)

a =input().split()

b=[]

**for** i in a:

b.append(len(i))

m=max(b)

z=b.index(m)

print(a[z])

164)

s=input()

a,b=map(**int**,input().split())

**if** a<=b:

print(s[a-1:b])

**else**:

t=list(reversed(s[b-1:a]))

r=**""**

**for** i in t:

r+=i

print(r)

165)

from math **import** fabs, sin

t, s = map(**float**, input().split())

def f(a,b,c):

natija = (2\*a-b-sin(c))/(5+fabs(c))

**return** natija

javob = f(t,-2\*s,1.17)+f(2.2,t,s-t)

print(f**"{javob:.2f}"**)

166)

t, s = map(**float**, input().split())

def G(a,b):

natija = (a\*a+b\*b)/(a\*a+2\*a\*b+3\*b\*b+4)

**return** natija

javob = G(1.2,s)+G(t,s)+G(2\*s-1,s\*t)

print(f**"{javob:.2f}"**)

168)

a,b,c=map(**float**, input().split())

def f(a,b,c):

natija=(max(a,a+b)+max(a,b+c))/(1+max(a+b\*c,1.15))

**return** natija

javob = f(a,b,c)

print(f**"{javob:.2f}"**)

170)

s,t = map(**float**, input().split())

def h(a,b):

natija = a/(b\*b+1)+b/(a\*a+1)-(a-b)\*\*3

**return** natija

javob = h(s,t)+max(h(s-t,s\*t),h(s-t,s+t))+h(1,1)

print(f**"{javob:.2f}"**)