Tamrin 34- page 155

s=0

max=0

min=0

t=0

while True:

x=float(input())

if(x<0):

break

s+=x

if x>max:

max=x

if x<min:

min=x

t+=1

avg=s/t

print("sum: ", s, " average: ", avg," maximuem: ", max, " minimuem: ", min)

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Tamrin sinx (teilor)

print("Enter the value of x in degree: ")

xdeg=float(input())

print("Enter the number of terms: ")

n=int(input())

xrad=(xdeg\*3.14)/180

s=xrad

term=s

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

term\*=-(xrad\*xrad)/((2\*i-1)\*(2\*i-2))

s+=term

print("sin(",xdeg,")= ",s)

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Tamrin ramzgozari julius caesar

print("please enter your text: ")

text =input()

print("please enter the number: ")

s=int(input())

encrypted = ""

for i in range(len(text)):

char = text[i]

if (char.isupper()):

encrypted += chr((ord(char) + s-65) % 26 + 65)

else:

encrypted += chr((ord(char) + s - 97) % 26 + 97)

print(encrypted)

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Tamrin armstrong

for x in range(1, 10000):

s=0

xx=x

t=0

while(xx>0):

xx//=10

t+=1

xx=x

while(xx>0):

s+= (xx%10)\*\*t

xx//=10

if(s==x):

print(x)

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Tamrin bozorgtarin maghsomalayhe moshtarak

def bmm(x,y):

if (x == 0):

return y

if (y == 0):

return x

if (x == y):

return x

if (x > y):

return bmm(x-y, y)

return bmm(x, y-x)

print("please enter two numbers: ")

x=int(input())

y=int(input())

print(bmm(x,y))

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Tamrin newton-rafson

def fx(x):

return ((x\*\*3)-(x\*\*2) + 2 )

def fprimex(x):

return( (3\*(x\*\*2))-(2\*x))

xn=1

for i in range(10):

xnn=xn-((fx(xn))/(fprimex(xn)))

xn=xnn

print(xn)