D'Exceptions are priors and are naised when the program is syntactically correct but the code results into an error. Logical Errors can be handled through exceptions.

CDDE:

num 1 = int (input (" Enter 1st number : "))

num 2 = int (input (" Enter 2nd number: "))

tory:

Tres = numl/num2

except Aritmetic Ervor. print (" value cannot be divided by 0")

else. print (nes)

finally : print (" Asithmetic error is excepted")

OUT PUT:

Enter 1st number: 10 Inter 2nd number: 0

Value cannot be divided by 0 Arithmetic Ervor is excepted.

2) class Rectangle:

det -- init -- (self, length, width):

self. length = length

self. width = width

det perimeter (self):

neturn 2* (self-length + self-width)

det wea (self):

neturn self-length * self-width

def display (self):

print (" Length of rectangle: " self-length) print (" width of nectorgle : ", self width) print ("Parimeter of nectangle:", self-perimeters) print ("Anea of nectangle: ", nelf. Anea ())

Class Parallelepipede (Rectangle):

det -- init _ (set , Tenth , width , height):

Rectangle . _ init _ (Nelf , length , width)

self-height = height

det volume (self): neturn self-length + self-width * self-height

obj1 = Rectangle (5.10) Obj1. display ()

Obj 2 = Pavallelepipede (5,10,2) print ("Volume: ", Obj 2. volume ())

OUT PUT:

Length of # rectangle: \$ 5 Width of rectangle: 10 Perimeter of nectangle: 30 Anea of rectangle: 50 Volume: 3 100

import tre msg = " https: / www. washingtonpost. com/news/ footballinsider lup 12016 109 102 odellbeckhams-fame- Trests-on-onestupid - little-ball-josh-norman - tellsauthor "

D= 21, 19813/19653/19653, re. findall (p, msg) : 7097VO [2016/00/02] import he my The following example creates an Array List with a capacity of 50 elements Four elements are then added to the Arraylist and the Arraylist is trimmed. accordingly. n = n' 16 [ale][/w]+16 ne findall (n. msg) OUTPUT: ['example', an', elements', elements', are', 'added', and', accordingly'] import he msg = "This is a Road" old_str = "Road"

new_str = "Rd"

the Mub (old - 15th, new_ 15th, msg)

OUT PUT :

'This is a Rd'