#n this assignment you will write a Python program somewhat similar to

#http://www.py4e.com/code3/geoxml.py.

#The program will prompt for a URL,

#read the XML data from that URL using urllib

#and then parse and extract the comment counts from the XML data,

#compute the sum of the numbers in the file.

import urllib.request, urllib.parse, urllib.error

import xml.etree.ElementTree as ET

import ssl

#没用的API，有用的URL

api\_key = 42

url = 'http://py4e-data.dr-chuck.net/comments\_286454.xml?'

# Ignore SSL certificate errors

ctx = ssl.create\_default\_context()

ctx.check\_hostname = False

ctx.verify\_mode = ssl.CERT\_NONE

#读URL

uh = urllib.request.urlopen(url, context=ctx)

#ET解译XML，读树节点，文字化并求和

data = uh.read()

#print(data.decode())

tree = ET.fromstring(data)

sum = 0

lst = tree.findall('comments/comment')

for item in lst:

num = item.find('count').text

num = int(num)

sum = sum + num

print(sum)