import urllib.request as ur

import re

def crawl(start, limit):

"""This function will find all links in the URL provided."""

strings = re.findall('[a-zA-Z0-9\_.]\*[@][a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+', str(start))

for x in range(0, len(strings)):

if strings[x].endswith("."):

strings[x] = strings[x][0:len(strings[x])-1]

print(strings)

return strings

url = 'https://www.cs.uic.edu/~sloan/CS111Law/crawlerstart.html' #Takes in URL(page)

start = ur.urlopen(url) #opens the URL page

html\_file = start.read() #reads the HTML and puts itin a variable called html\_file

print(crawl(html\_file, 20)) #function call with parameters