# Write Python code that assigns to the

# variable url a string that is the value

# of the first URL that appears in a link

# tag in the string page.

# Your code should print http://udacity.com

# Make sure that if page were changed to

#page = '<div id="top\_bin"><a href="http://udacity.com">Hello world</a>'

'<div class="udacity float-left"'

# that your code still assigns the same value to the variable 'url',

# and therefore still prints the same thing.

# page = contents of a web page

page =('<div id="top\_bin"><div id="top\_content" class="width960">'

'<div class="udacity float-left"><a href="http://udacity.com">')

start\_link = page.find('<a href=') #finding the position of '<a href'

#print start\_link

index=page[start\_link:].find("http://")

#finding the position of 'http' using '<a href' index

#print index

index2=page[start\_link+index:].find('"')

#finding position of ""(quotes) using both index positions

#print index2

url=page[start\_link+index:start\_link+index+index2]

#assigning the value to url variable

print url

#print page[start\_link+index+url:]