Python- Assignment-3.

Explain book steps of project: maplt.py with webbrouse. module. The project: maple py with the webbsrows module. The webbsrows module open () Function can launch a new brows a to a specifical UPL. Enter the following into the interaction shell? imposit webbrowser webbrows or open ('nttp://nventwith python.com/') step 1: Figure out the URL based on the instructions in Appendix B, set up maple-py so that when you run of from the command line, like so : C:1> mapit 870 valencia St. Son fransisco, CA 94/10: The scoupt will we the command line confuments instead of the dip-board. If there are no command line argumans then the program will know to use the contents of me diploord. Step 2: Heandle the command line Arguments make your code link like this. #! python 3 # report py -lancher a map in the browser using an address # Command line & dipboard. impost webbrowson isys if len (sys. orgs) >1. 7 get address from command line addres = " (join (sys argo [1]) # Todo : get adobicy from clipboard Step 3: Haralle the clipboard Content & laure the Browner Mohe your code look like the following. #! Python 3 manIt. py - launcher a map in the brown wing on

Frommand line (clibboard. import webbriouser, sys, pyerclip. if len(sqs. argv) 71; * get adobies from command line add addrews pyerdip. paste () ebbr else: # get address from clipboard. address = pyerclip part () webbarows er open l'https: 11 www. google com lmaps/place 14 addres) How HTML can be posed with beoutiful soup Module (5) Bequirful Soup is a module fot extracting information rom an HTrell page The Beautiful Soup I name is 654 cocating a beautiful soup object from HTML: The bsy Beautiful Soup () function needs to be called with a strong containing the teTML it will parse. The bs4 Beautiful soupes function returns is a Beautiful soup object Enter the following into the interactive shell while your computer is connected to the Internet: 777 import requests, bs4. >>> ris - requists, get C'http: (I nostpech. com') >>> nostarch soup = 654. Beautiful Soup (rus steret) < clas 1 bs 4. Beautiful soup!) You can also load an HIML, like from your hand drive by passing afile object to bs4. Beautiful soup () Enter the following into the interactive shell: 7>2 example file = open C'example . html') 777 crample Soup - 684. Beautiful soup (example file) 77> type (enample Soup)

Explain project: I'm feeling bucky' google search step 1: Out the command line Auguments & Request the Search page. # ! python 3 # Cucky py opens several Google search results import requests, sys, webbrowser, bsy. print (Googlery!) ned = regousts. get (http:// google.com /search ? q= +1. join (sys. org v [1]) res. raise_for_status() # TODO: Reterave top search result links # Topo: open a browser tab for each sesult STEP 2: find Au the results # 1 py thon 3. * ! lucky py - Open several google search results import requests, 848, webbrowson, 684. * Retrieve top search result links doup = bsy Beautful dap # open a browser tab for each result link Elem = soup-select Step 3: Open web Browser from Each Result #! python 3 H lucky py-opens several google search results import requests, sye vebbrower, boy. # open a browser tab for each result. link Eleme - Soup select (1. ral) numaper = min (F, len (link Elems))

for i in rang (numopen).
webbrowser open Chttp://google.com'+bitElonsi) get C'href')

How exect document can be read. Emplain with Example.

you can either correcte the spread sheet yourself or download it from hop: [I nosteach . com lautomates luft] ramede shows the tabs for the three default sheets namede sheets eshects that Exect automatically provides for new work books.

How to get sheets from workbook & cell from sheets getting shecks from the worldbook: you can get a list of all sheet names in the

workbook by calling the get-sheet names method. Enter the following into the interactive shell:

import open py ul

wb = openpy xl load conbbook (example xlsx1)

wb -get -sheet -names ()

[sheet 1' a Sheet 21, sheet 31]

sheet = wb. gct-sheet by name ('sheet 3')

sheet = wb. get she

ghed

< work sheet "sheet 3">

type (sheet)

sheef-fille.

'Shect 3'

another sheet = wb-get - active - sheet () another shect.

Once you have a woodshed object, you can access a cell object by its name. Enter the following into the interactive import openpy nt sheet = ob. get-sheet by name ('sheet i')
>>> sheef ['AI] Kell sheef ['AI]. date time. date time [2021, 415, 13,34,2) Casheet ['Bi'] C. value. Applu' Row't str (c. frow) + Column'+ c. column + is + c value cell' + c. coordinale + c. coordinate + 1 is 1 + c value 'cell Blis Apples! sheet ['ci'] value 13.