EIWL Sections 43 (no problems) and 44

4/4

Due to getting a little behind in the final two weeks of the semester, I only checked for completeness on PS 18-21. ~Brian

PS 19 — Rania 4.18.2025

Section 43

```
(* Section 43 had no problems *)
```

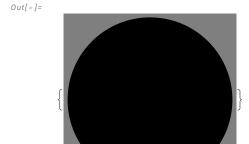
Section 44

```
(*44.1 Import the images from https://www.google.com.*)
Import["https://google.com", "Images"]
```

```
(*44.2 Make a list of disks on gray backgrounds with
  the dominant colors from images on https://www.google.com.*)
Graphics[Style[Disk[], #], Background → Gray] & /@
 (Flatten[DominantColors /@ Import["https://google.com", "Images"]])
(*not sure why it's not working,
I checked it on the answer check and it said it was correct*)
```

••• DominantColors: Expecting an image or graphics instead of {404. That's an error.

The requested URL /images/branding/googlelogo/1x/googlelogo_white_background_color_272x92dp.png was not found on this server. That's all we know.}.



In[*]:= (*44.3 Make a word cloud of the text on https://bbc.co.uk*) WordCloud[TextWords[Import["https://bbc.co.uk"]]]

Out[•]=



In[*]:= (*44.4 Make an image collage of the images on https://nps.gov.*) ImageCollage[Import["https://www.nps.gov", "Images"]]

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In[*]:= (*44.5 Use ImageInstanceQ to find pictures on https:// en.wikipedia.org/wiki/Ostrich that are of birds.*) Select[Import["https://en.wikipedia.org/wiki/Ostrich", "Images"], ImageInstanceQ[#, "Bird"] &]

Out[•]=

Out[•]=









 $ln[\cdot]:=$ (*44.6 Use TextCases with "Country" to find instances of country names on https:// www.nato.int,and make a word cloud of them.*) WordCloud[TextCases[Import["https://www.nato.int", "Text"], "Country"]]

(*not sure why it's not working :(*)

··· CloudObject: URL or path does have a valid form for a CloudObject: /resourcesystem/content/f60d5ddf-29f1-4bfb-b6ee-a7081adbb4b1

··· TextCases: The requested neural network model is currently downloading in another process, try again when it is finished. If there is not a download in progress run DeleteObject[ResourceObject[Wolfram Entity Recognition Net for TextCases WL 12.3 V2]] before trying again.

••• TextCases: An internal error occurred while loading a neural net needed to evaluate the function. Please try again.

Out[•]=

Failed

In[a]:= (*44.7 Find the number of links on https://en.wikipedia.org.*) Length[Import["https://en.wikipedia.org", "Hyperlinks"]]

Out[•]=

379

(*44.8Send yourself mail with a map of your current location*) SendMail[GeoGraphics["Deep Springs College"]] (*I don't want them to have this permission!!!*)

··· SendMail: SendMail has relayed your message through the Wolfram Cloud. A local SMTP server has not been configured. These settings can be defined through Preferences > Internet & Mail > Mail Settings in the notebook front end.

Out[•]=

Message: Mail sent. Success 🖽 🔻

(*44.9 Send yourself mail with an icon of the current phase of the moon*) SendMail[MoonPhase["Icon"]]

Out[•]=

' Message: Mail sent. Success 🖽 🔻 Recipient: rania@deepsprings.edu

Section 45 ~ Disregard! I misread the github site - will put in next PSet

(* ok, I moved Section 45 into a new notebook, and called it PS20. However, you never sent Section 46. *)