Looks great! Comment on p. 4. I like
the way you dealt with Failure on this page.
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Exercises from EIWL3 Section 35

In[1]:=
```
Interpreter["Location"]["Eiffel Tower"]
```
Out[1]=
```
GeoPosition[{48.8583, 2.29444}]
```

In[2]:=
```
Interpreter["University"]["U of T"]
```
Out[2]= University of Toronto

In[3]:=
```
Interpreter["Chemical"][{"C2H4", "C2H6", "C3H8"}]
```
Out[3]= { ethylene , ethane , propane }

In[4]:=
```
Interpreter["Date"]["20140108"]
```
Out[4]= Wed 8 Jan 2014

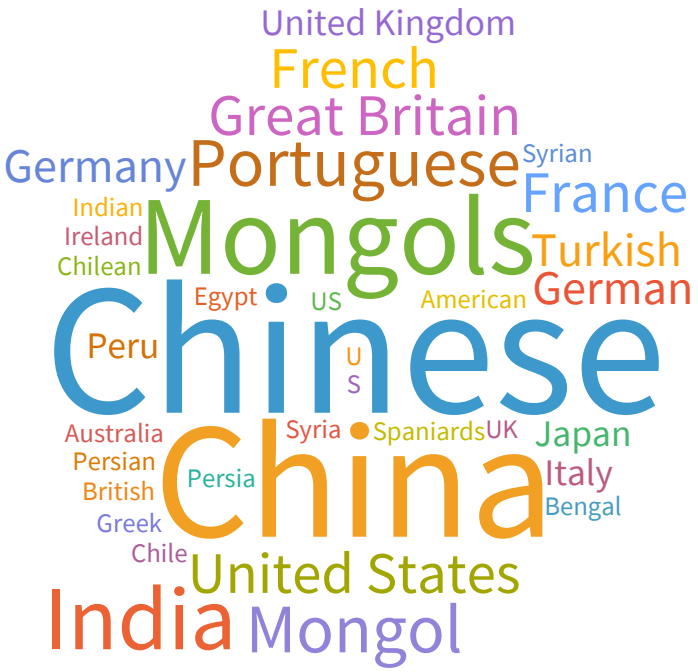
In[5]:=
```
Select[Table[Interpreter["University"]["U of " <> X],
  {X, CharacterRange["A", "Z"]}], Head[#] =!= Failure &]
```
Out[5]= { University of Birjand , University of California-Berkeley , The University of Edinburgh ,
University of Georgia , University of Houston , University of Illinois at Urbana-Champaign ,
University of Lethbridge , University of Michigan-Ann Arbor , University of Phoenix-Online Campus ,
University of Regina , University of Saskatchewan , University of Toronto }

In[6]:=
```
Select[Interpreter["Movie"] /@ CommonName /@
  all US states with District of Columbia ADMINISTRATIVE DIVISIONS [ capital city ], Head[#] =!= Failure &]
```
Out[6]= { Phoenix , Honolulu , Topeka , Annapolis , Lincoln , Santa Fe , Expedition: Bismarck ,
Columbus , Providence , Nashville , Olympia , Madison , Cheyenne }

In[7]:=
```
Select[Interpreter["City"][StringJoin /@ Permutations[{"a", "i", "l", "m"}]],
 Head[#] =!= Failure &]
```
Out[7]= { Alim , Amli , Balm , Ilam , Lami , Lima , Lamai , Mali , Milah , Mali }

In[8]:=
```
WordCloud[TextCases[WikipediaData["gunpowder"], "Country"]]
```

Out[8]=



In[9]:=
```
TextCases["She sells seashells by the sea shore", "Noun"]
```

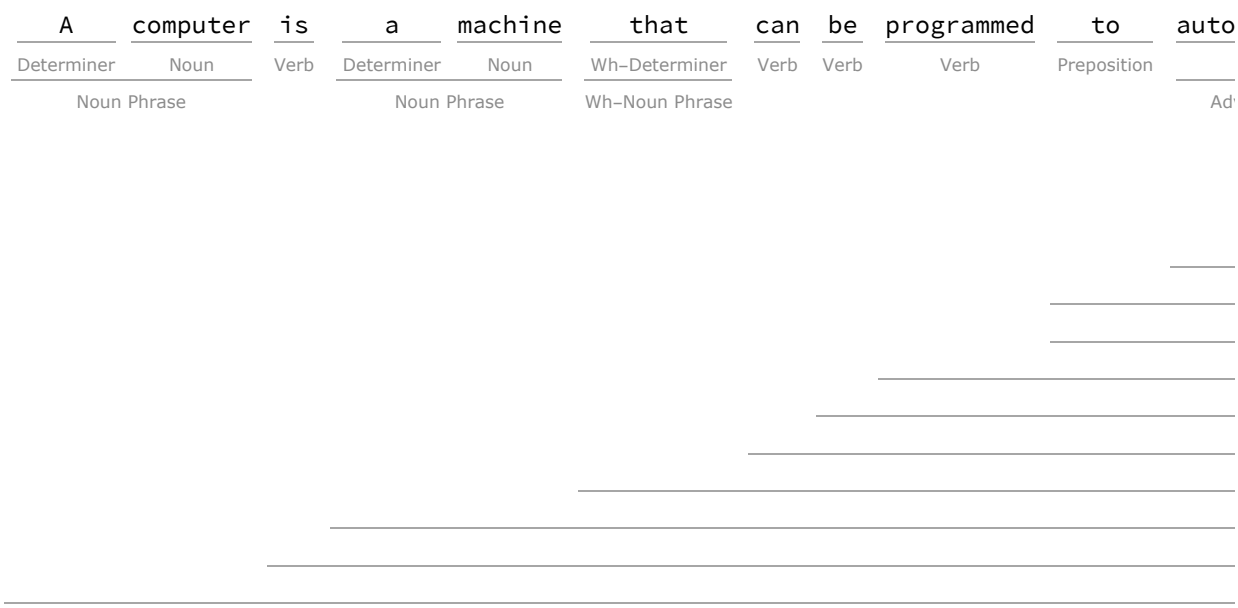
Out[9]=
```
{seashells, sea, shore}
```

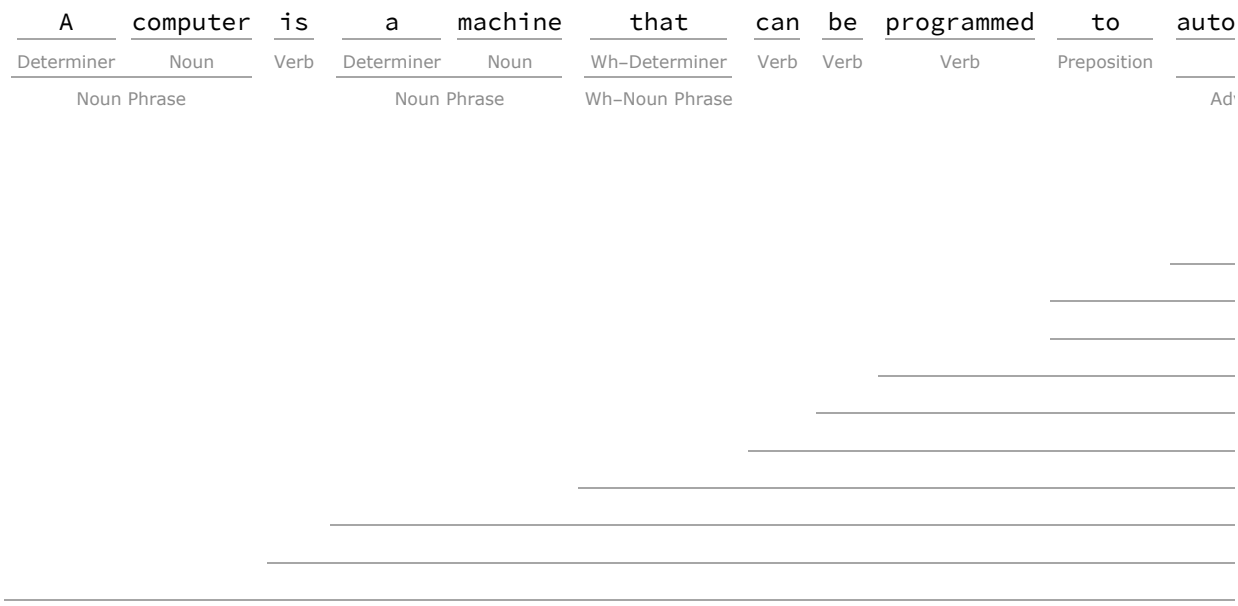
In[10]:=
```
Length /@ Values[TextCases[
   StringTake[WikipediaData["computers"], 1000], {"Noun", "Verb", "Adjective"}]]
```

Out[10]=
```
{54, 23, 20}
```

In[11]:=
```
TextStructure[Take[TextSentences[WikipediaData["computers"]], 1]]
```

Out[11]=





In[12]:=
```
Keys[TakeLargest[
  Counts[TextCases[ExampleData[{"Text", "AliceInWonderland"}], "Noun"]], 10]]
```

Out[12]=
```
{Rabbit, door, voice, time, way, Mouse, moment, thing, head, table}
```

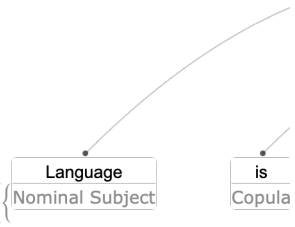
In[13]:=
```
CommunityGraphPlot[First[
  TextStructure[TextSentences[WikipediaData["language"]], "DependencyGraphs"]]]
```

Hmm. Yours is erroring. Other people in the class mostly did something like this:

CommunityGraphPlot[First[TextStructure[
TextSentences[WikipediaData["language"]] ⟦1⟧ ,
"ConstituentGraphs"]]]

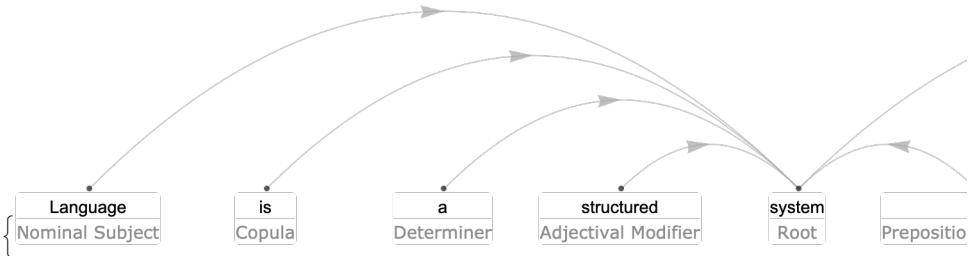
I had a different answer that isn't right, but I actually like better.

CommunityGraphPlot: A graph object is expected at position 1 in CommunityGraphPlot[{



Out[13]=

CommunityGraphPlot[{



In[14]:=
```
Length[WordList[#]] & /@ {"Noun", "Verb", "Adjective", "Adverb"}
```

Out[14]=
```
{24 493, 6503, 11 392, 3120}
```

In[15]:=
```
WordTranslation[#, "French"] & /@ IntegerName[Range[2, 10]] // Flatten
```

Out[15]=
```
{deux, trois, quatre, cinq, six, sept, huit, neuf, dix}
```

Exercises from EIWL3 Section 36

In[16]:=
```
CloudPublish[Delayed[Style[RandomInteger[1000], 1000]]]
```

Out[16]=
```
CloudObject[https://www.wolframcloud.com/obj/896bbe64-1cf8-4bf8-b9c2-6899c78d9345]
```

In[17]:=
```
CloudPublish[FormFunction[{"x" → "Number"}, #x^#x &]]
```

Out[17]=
```
CloudObject[https://www.wolframcloud.com/obj/5118b8c8-80b0-49f9-838e-ab81a2a3ae27]
```

In[18]:=
```
CloudPublish[FormFunction[{"x" → "Number", "y" → "Number"}, #x ^ #y &]]
```
Out[18]=
```
CloudObject[https://www.wolframcloud.com/obj/aff9bcbc-4218-4fe8-9f6e-c5ab1b89dfc8]
```

In[19]:=
```
CloudPublish[FormFunction[{"topic" → "String"}, WordCloud[WikipediaData[#topic]] &]]
```
Out[19]=
```
CloudObject[https://www.wolframcloud.com/obj/f312dff2-f31c-484e-a386-7234857e404d]
```

In[20]:=
```
CloudPublish[
 FormFunction[{"String" → "String"}, Style[StringReverse[#String], 50] &]]
```
Out[20]=
```
CloudObject[https://www.wolframcloud.com/obj/e6bfcd0e-8b2c-4c8d-9184-1a9ffa8fd2bc]
```

In[21]:=
```
CloudPublish[
 FormPage[{"n" → "Integer"}, Graphics[{RandomColor[], RegularPolygon[#n]}] &]]
```
Out[21]=
```
CloudObject[https://www.wolframcloud.com/obj/43aae6fb-de4b-46ec-895b-2402988e4341]
```

In[22]:=
```
CloudPublish[FormPage[{"location" → "Location", "n" → "Number"},
  GeoListPlot[Nearest[EntityList["Volcano"], #location, #n]] &]]
```
Out[22]=
```
CloudObject[https://www.wolframcloud.com/obj/cd3c2ab6-979e-4646-a168-0229756ea1f3]
```