Question 2

```
In [3]:    ▶| import aspose.words as aw
```

```
In [4]:    ▶| doc=aw.Document("./UTT-Books.docx")
              doc.save("UTT-Books.pdf")
```

```
Out[4]:  <aspose.words.saving.SaveOutputParameters object at 0x0000029135F02C30>
```

Question 3

```
In [77]:   ▶| from bs4 import BeautifulSoup
```

```
In [78]:   ▶| file_name = './NOPAGETAB_NFHLWMS.html'

              soup = BeautifulSoup(open(file_name), 'lxml')

              # print(soup.prettify())
```

```
In [79]:   ▶| import re
              results = soup.body.find_all(string=re.compile('.*{0}*'.format('hazard')),
              print ('The word hazard occurs ',len(results) ,' times\n')
```

```
The word hazard occurs  19  times
```

```
In [80]:   ▶| import re
              results = soup.select(selector='.note',string=re.compile("^([0-1]?[0-9]|2[
              results
```

```
Out[80]:  [<p class="note">

                              Last Updated: Friday, 13-January-2023 4:11 PM ET
                  </p>]
```

In [81]:

```python
links_elems = soup.select('[href^="http"]')
for i in links_elems:
    print(i,"\n")
```

```
<link href="https://hazards.fema.gov/femaportal/wps/portal/!ut/p/z1/04_Sj
9CPykssy0xPLMnMz0vMAfIjo8zivdxdzDwcvQ0C3L0sXQ0CzULCQr1C_QwN3E30w8EKfAI83D
38vQ38LQJNjQwCnX0sPf2CLA0NTMz1o0jSb-APUmBibBgQbOoINMmYOP0GOICjAXH68SiIwm9
8uH4UWAm-EEBVgMWLhCwpyA0NDY0wyPR0VFQEAGWBPHc!/" id="YqbV:Hl4si3" rel="alt
ernate"/>
```

```
<a href="https://fema.gov/"><img alt="Federal Emergency Management Agenc
y" src="/femaportal/wps/contenthandler/!ut/p/digest!AVpjyN-eMXoHdj8JKNHpM
A/war/mipPortal85ThemeStatic/themes/mipPortal85Theme/MIP/images/logofema.
png"/></a>
```

```
<a href="https://msc.fema.gov/">FEMAs Map Service Center (MSC)</a>
```

```
<a href="https://msc.fema.gov/nfhl">NFHL Viewer</a>
```

```
<a href="https://www.floodmaps.fema.gov/NFHL/status.shtml"> NFHL Status P
age</a>
```

```
<a href="https://hazards.fema.gov/femaportal/prelimdownload/">preliminary
FEMA Map Products page</a>
```

```
<a href="https://msc.fema.gov/fmcv">Flood Map Changes Viewer (FMCV)</a>
```

```
<a href="https://www.fema.gov/view-your-communitys-preliminary-flood-haza
rd-data-0">Preliminary National Flood Hazard Layer webpage</a>
```

```
<a href="https://www.fema.gov/flood-maps/national-flood-hazard-layer">sit
e</a>
```

```
<a href="https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.htm
l?id=8b0adb51996444d4879338b5529aa9cd">NFHL on FEMA GeoPlatform</a>
```

```
<a href="https://pm.riskmapcds.com/kss/Lists/KSS_Standards2/DispForm.asp
x?ID=2566">Base Map Standards (420)</a>
```

```
<a href="https://riskmapportal.msc.fema.gov/kss/MapChanges/default.aspx">
https://riskmapportal.msc.fema.gov/kss/MapChanges/default.aspx</a>
```

```
<a href="https://msc.fema.gov/portal/advanceSearch">MSC</a>
```

```
<a href="https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHL/MapS
erver/WFSServer?SERVICE=WFS&amp;VERSION=1.1.0&amp;REQUEST=GetFeature&amp;
TYPENAME=public_NFHL%3AFlood_Hazard_Zones&amp;BBOX=40.779527%2C-72.78875
5%2C40.789527%2C-72.778755%2Curn%3Aogc%3Adef%3Acrs%3AEPSG%3A6.9%3A4269&am
p;MAXFEATURES=1000">
an example of a WFS GetFeature request for the Flood Hazard Zone layer</a
>
```

```
<a href="https://resources.arcgis.com/en/help/main/10.1/index.html#//0154
000004rz000000">the topic on the ESRI help site</a>
```

```
<a href="https://www.dhs.gov/"><abbr title="Department of Homeland Securi
ty">DHS</abbr>.gov</a>
```

```
<a href="https://fema.gov/"><abbr title="Federal Emergency Management Age
ncy">FEMA</abbr>.gov</a>
```

```
<a href="https://www.fema.gov/privacy-comment-policy">Privacy Policy</a>

<a href="https://www.fema.gov/accessibility">Accessibility</a>

<a href="https://www.fema.gov/website-resources">Site Help</a>

<a href="https://www.fema.gov/contact-us">Contact Us</a>
```

In [ ]: ▶|