```
Start
```

```
Open file ISBN.txt
```

```
Read ISBN.txt file
```

```
Add ISBN numbers to a
list
```

```
Count the number of
ISBN Numbers
```

```
Create a HTML File
called
isbn_reader.html
```

```
Create the basic HTML
content
```

```
Create loop to get all
ISBN numbers placed
into url link to display
picture of book
```

```
Create loop to get all
ISBN numbers and
place the link for more
information on book
```

```
Open isbn_reader.html
file in browser
```

```
Close HTML file
```

```
Close ISBN.txt file
```

```
End
```

Pseudocode for Project Two
By Scott Adams U3048522

Start Python File

Open ISBN.txt file

Read ISBN.txt file
Create VAR isbnList
Create loop to add ISBN numbers in isbnList
        Strip last value in string

Create VAR isbnListLength for list Length

Create a HTML file called isbn_reader.html

Create HTML code for page isbn_reader.html
        Create Head
        Create Style
                Change style of Body
                Change style of H1
                Change style of H2
                Change style of Hyperlinks
        Create Title
        Create headings
        Create Body
                Create loop to add image of book for ISBN number from web address and
                more information link

Open newly created isbn_reader.html file in browser

Close files

```
Project Two code
By Scott Adams U3048522

#Import items needed - to open HTML file after being run and some operating system
requirements

import webbrowser
import os

#Opens ISBN.txt file to be read
isbnFile = open("isbn.txt","r")

#Creates the var isbnList for adding ISBN numbers into
isbnList = list()

#Creates a for loop to add the ISBN numbers in the lsit
for line in isbnFile:
    isbnList.append(line.strip())

#Crates a Variable with the number of items in the list
isbnListLength = len(isbnList)

#Creates a HTML file called isbn_reader.html and uses the content manager
with open("isbn_reader.html", "w") as isbnHtml:
    #Uses the .writelines command to create the HTML code
    #Also includes CSS for styles of webpage
    #Includes link to font from Google
    isbnHtml.writelines("""
      <!DOCTYPE html>
        <head>
        <link href="https://fonts.googleapis.com/css?family=Roboto&display=swap"
rel="stylesheet">
        <style>
        body {
            background-color: #080808;
            text-align:center;
            font-family: 'Roboto', sans-serif;
        }

        h1 {
            color: #E0DAD8
        }

        h2 {
            color: #E0DAD8
        }
```

```python
        a:link {
            color: #8C18AE
        }

        a:visited {
            color: #8C18AE
        }

        a:hover {
            color: #E0DAD8
        }

        a:active {
            color: #8C18AE
        }

        </style>
        <title>Project Two - ISBN Reader</title>
        <h1>Webpage generated by ISBN list in Python</h1><br>
        <h2>Created by Scott Adams</h2><br>
        </head>
        <body>""")

    #Uses the ISBN numbers stored in the list to put image into HTML file
    for isbnLoop in isbnList:
        #Adds the image for each ISBN value
        isbnHtml.write(" <img src=\"http://covers.openlibrary.org/b/isbn/" + isbnLoop +"-
L.jpg\" />")
        #Creates a line break
        isbnHtml.write("<br>")
        #Adds the link to click on to goto more information about the book
        isbnHtml.write(" <p><a href=\"http://openlibrary.org/isbn/" + isbnLoop +"\"
target=\"_blank\">More information on " + isbnLoop + "</a></p>")
        isbnHtml.write("<br>")

    #Uses the .writelines command to create the HTML code
    isbnHtml.writelines("""
        </body>
    </html>""")


    #Opens up the Webapge isbn_reader.html page
    webbrowser.open("file://" + os.path.realpath("isbn_reader.html"))

    #closes the isbnFile
    isbnFile.close()
```