Jake Martin ~ A01158619 ~ Assign1
Script 1 (A contact list):
After running `./contact-list` in the terminal:

```
###################################################
                    CONTACT-LIST
###################################################


    → [A]dd contact
    → [R]emove contact
    → [D]isplay contact
    → [H]elp
    → [E]xit program


Select an option:
```

Add contact (a | A):

```
Finding Contact List...
Contact List not found.

Creating new directory...
Directory '~/.contacts' successfully created.

Creating new contact_list file...
contact_list file created @ ~/.contacts/contact_list


Enter contact name to add: Goku
Enter a contact email to add: email
Enter a contact address to add: addr
Enter contact phone number(s) to add: phone#


Successfully added Goku to contact_list file.

Exit the contact-list program? (y/N): █
```

Remove contact (r | R):

```
Finding Contact List...
Directory found.
Displaying contact_list file...


======================================================
Contact List
======================================================


Name:                   Goku
Email:                  email
Address:                addr
Phone:                  phone#


Name:                   Jake
Email:                  email
Address:                addr
Phone:                  phone#

Enter a contact name to remove their info (case sensitive): Jake
Are you sure you want to remove Jake? (y/N): y▯
```

```
Jake's contact information has been successfully removed.

Finding Contact List...
Directory found.
Displaying contact_list file...


=========================================================
Contact List
=========================================================


Name:                   Goku
Email:                  email
Address:                addr
Phone:                  phone#



Exit the contact-list program? (y/N): █
```

Cancel remove contact with (n | N | <return>):

```
Finding Contact List...
Directory found.
Displaying contact_list file...


====================================================
Contact List
====================================================

Name:                    Goku
Email:                   email
Address:                 addr
Phone:                   phone#

Enter a contact name to remove their info (case sensitive): Goku
Are you sure you want to remove Goku? (y/N): █
```

```
Goku was NOT removed.

Finding Contact List...
Directory found.
Displaying contact_list file...


========================================================
Contact List
========================================================

Name:                    Goku
Email:                   email
Address:                 addr
Phone:                   phone#



Exit the contact-list program? (y/N): █
```

Help page (h | H):

```
CONTACT LIST HELP PAGE

Press <Enter> after choosing one of the options below

Add a contact: [a] or [A]
Remove a contact: [r] or [R]
Display contact list: [d] or [D]
Get this help information: [h] or [H]
Exit the contact-list program: [e] or [E]



Exit the contact-list program? (y/N): ▮
```

Script 2 (Add line numbers to a file):

```
[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─▶  ls
contact-list  file1  line-numberify  url-getter  URL_getter_results

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─▶  ./line-numberify

Sorry! There was an error.
For help: ./line-numberify -h

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─▶  ./line-numberify -h

This script allows you show your files with line numbers.
Show lines: ./line-numberify <file_name>
Show lines with line numbers: ./line-numberify -n <file_name>


[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─▶  ./line-numberify -n file1

Adding line numbers to file...

1. lsdkj
2. adjfkajf
3. adjf
4. kadjf
5. akldfj
6. afj
7. akdfa
8. fjasdkf
9. jadfsja
10. kjjjjj

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─▶  ▮
```

```
[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─> ./line-numberify file1
lsdkj
adjfkajf
adjf
kadjf
akldfj
afj
akdfa
fjasdkf
jadfsja
kjjjjj

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─>
```

Script 3 (Display links from web page):

I'm not 100% sure why **SSL_INIT** is showing up. Seems to be a function or something that wget is using. I'll look into it.

```
[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─> ls
contact-list  file1  line-numberify  url-getter

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─> ./url-getter
Invalid usage.
For more information: ./url-getter -h

[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─> ./url-getter -h

            HELP

You need to pass a link/URL as an argument
Use -f to save links to URL_getter_results
Note: URL_getter_results is saved in the working directory.

Usage: ./url-getter [-f] [url_to_filter]

OR if you don't want to save links...

Usage: ./url-getter [url_to_filter]


[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
  └─>
```

```
┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ./url-getter https://www.duckduckgo.com
SSL_INIT
SSL_INIT
"https://duckduckgo.com/"
"https://duckduckgo.com/"
"https://duckduckgo.com/assets/logo_social-media.png"
"https://html.duckduckgo.com/html"

┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ./url-getter -f https://www.duckduckgo.com
SSL_INIT
SSL_INIT
"https://duckduckgo.com/"
"https://duckduckgo.com/"
"https://duckduckgo.com/assets/logo_social-media.png"
"https://html.duckduckgo.com/html"

Links saved to URL_getter_results


┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  cat URL_getter_results
"https://duckduckgo.com/"
"https://duckduckgo.com/"
"https://duckduckgo.com/assets/logo_social-media.png"
"https://html.duckduckgo.com/html"


┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ▮
```

Invalid links or options passed:

```
┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ./url-getter -f https://w
SSL_INIT
index.html not found.
Argument passed may not be a URL.
For more information: ./url-getter -h

┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ./url-getter -m

-m is not an option
For more information: ./url-getter -h

┌[hplaptop] as jake in ~/Documents/BCIT/fall-2021/ACIT-2420/bashScripts
└→  ▮
```