

# For Loops + Arrays Project Brief

## Scenario

You have been provided with a text file called `urls.txt` which contains a list of website URLs. You can find this file in the resources section for this project.

You have been asked to obtain the header information received when trying to access the homepage for all these sites, and store these headers in individual text files.

## Your Task

**Step 1:** Using the `readarray` command, create an array of urls from the provided `urls.txt` file

**Step 2:** Using a for loop iterate over this array utilising the `curl` command with the `--head` option to get the headers for each URL.

**Step 3:** Redirect the output from each `curl` command to a new text file for each url.

The name of the text files should be based on the url.

E.g.

`www.facebook.com -> facebook.txt`

`www.google.com > google.txt`

`www.thingy.net > thingy.txt`

*Hint:* Check out the `cut` command as a way to slice out the appropriate part of the url to create the filenames.

## Extra Guidance

- For this project, you will need to do some independent research using the `man` command to learn how the `cut` and `curl` commands work. Have fun!
- When using the `cut` command, check out the `-d` and `-f` options.
- You will need to pipe to the `cut` command from the `echo` command.