Dr. Mark Humphrys

School of Computing. Dublin City University.

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Online coding site: 🌍 **Ancient Brain**

1,706 coders   5,262 JavaScript worlds
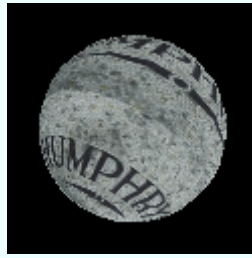
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Online AI coding exercises

Project ideas

Einstein - Flickr

Write a shell script to get images from Flickr and make a web page to display them.

Background

- **Flickr** is an image sharing site.
- You can get a feed of images from Flickr.
- See **Flickr API**
- For example, latest images tagged with "lamborghini":

    **https://api.flickr.com/services/feeds/photos_public.gne?
    format=json&tags=lamborghini**

- This data is in **JSON** format.

The "flickr" script

Shell script usage like:

```
flickr lamborghini
```

Get latest images tagged with "lamborghini"

Recipe

1. Use **wget** to get the JSON feed of photos tagged with the tag provided.
2. You will notice there are snippets of usable HTML inside here:

   ```
   "description": " HTML payload (encoded) ",
   ```

3. Use **grep** to extract the "description" lines.
4. Extract the HTML payloads. Use **sed** to remove the characters before the HTML payload and the characters after it.
5. You should now have multiple lines like:

   ```
   HTML payload (encoded)
   ```

6. Decode the HTML payloads to normal HTML. You can do this using **tr** to remove one character. What character?
7. You should now have multiple lines like:

   ```
   HTML payload (normal)
   ```

8. Send the output into this file:

   ```
   $HOME/public_html/flickr.html
   ```

9. You can then view the output page in the browser to see the images.

Upload to Einstein

1. Rename to flickr.sh.

2. Send the output into this file:

   ```
   $HOME/flickr.html
   ```

3. Follow the pattern above: **Each HTML snippet is all on one line. One line per snippet.** If you deviate from that, it may confuse Einstein and it may not be able to tell your solution is correct.