

printed. This function allows you to view images that have been previously uploaded to Imgur by showing their URLs.

Finally, you need to make these appropriate edits and additions to `brain.py`:

```
from GreyMatter import notes, define_subject, tell_time, general_
conversations, play_music, weather, connect_proxy, open_firefox, sleep,
business_news_reader, twitter_interaction, imgur_handler
```

Edit the `brain()` function's arguments:

```
def brain(name, speech_text, music_path, city_name, city_code, proxy_
username, proxy_password, consumer_key, consumer_secret, access_token,
access_token_secret, client_id, client_secret, images_path):
```

And add this code snippet to the `if/else` ladder:

```
elif check_message(['upload']):
    imgur_handler.image_uploader(speech_text, client_id, client_secret,
    images_path)

elif check_message(['all', 'uploads']) or check_message(['all',
'images']) or check_message(['uploads']):
    imgur_handler.show_all_uploads()
```

You can now upload a file using a command such as “Upload hello.” The application will upload an image file named `hello` or that has `hello` in its name. You can see all the upload entries saved in the database by issuing a command such as “Show all uploads!” or “Show all images!” You can also check the entries in the database by entering the following at the `sqlite` prompt:

```
sqlite> select * from image_uploads;
```

The following output shows what I received on my terminal after entering the previous command. It displays the name of an image I uploaded (one of the illustrations from this book), the URL where it was uploaded, and the date on which it was uploaded:

```
Last login: Fri Jan 15 11:03:29 on ttys000
Tanays-MacBook-Air:~ tanay$ cd Desktop/Melissa-Core-master/
Tanays-MacBook-Air:Melissa-Core-master tanay$ sqlite3 memory.db
SQLite version 3.8.10.2 2015-05-20 18:17:19
Enter ".help" for usage hints.
sqlite> select * from image_uploads;
./news_reader workflow.jpg|http://i.imgur.com/fIywson.jpg|15-01-2016
sqlite> .exit
Tanays-MacBook-Air:Melissa-Core-master tanay$
```