The starting line imports the built-in `sqlite3` and `datetime` modules. You then define a function named `note_something()` that takes `speech_text` as an argument. In the function, you establish a connection to the `memory.db` database using the `sqlite3.connect()` function.

You then split `speech_text`, remove the *note* keyword, extract the note by joining the rest of the words again, and assign the note to the `cleaned_message` variable. You remove the *note* keyword so that Melissa stores only the message that the user intends to store—*note* is just a command and not part of the user's message. Using the SQLite3 `execute()` function, you enter the SQL statement for inserting `cleaned_message` in the `notes` column and the date in the `notes_date` column of the `notes` tables. You obtain the date using the `datetime.now()` function and format it using the `datetime.strftime()` function. You then commit the changes made to the database using the `commit()` function and close the database using the SQLite3 `close()` function. Finally, you give oral feedback to the user, telling them that their note has been successfully saved.

You now have to make the changes to the `brain.py` file. Make the following edits and additions:

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

Next, add the appropriate code snippet to the `if/else` ladder in Melissa's logical engine:

```
elif check_message(['note']):
    notes.note_something(speech_text)
```

Congratulations—you have built note-taking functionality for your virtual assistant, Melissa! Now you can ask Melissa to jot down any important thoughts that come to mind. This feature makes Melissa even more useful for daily use. You can save your thoughts by giving a command such as, "Note remember to go to college!" This will save the note "Remember to go to college!"

You should try this activity with Melissa to save a note. To check whether your note has been successfully saved, open the terminal and open the `memory.db` database at the `sqlite` prompt. Enter the following command:

```
sqlite> select * from notes;
```

This shows you all the data that has been saved in the `notes` table. Entering it in my terminal shows me this output:

```
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 notes;
remember to go to college! | 14-01-2016
sqlite> .exit
Tanays-MacBook-Air:Melissa-Core-master tanay$
```