

What's the Time, Melissa?

Let's write a new module for telling the time. It will allow you to ask Melissa the time whenever you want. Create a new file in the GreyMatter folder, named `tell_time.py`, and add the following code to it:

```
from datetime import datetime

from SenseCells.tts import tts

def what_is_time():
    tts("The time is " + datetime.strftime(datetime.now(), '%H:%M:%S'))
```

In this code, you first import the `datetime` module and the `datetime` function and call `datetime.now()` in the `tts` function, in the `what_is_time()` function. Also note that you format the time using `datetime.strftime()`, using the format “x hours, y minutes, z seconds.”

Next, make the following changes in `brain.py` to implement this feature:

```
from GreyMatter import tell_time, general_conversations
```

This change needs to be made in the first line to import the `tell_time` module. Now add this `elif` clause under the `brain()` function:

```
elif check_message(['time']):
    tell_time.what_is_time()
```

Here, the keyword is `'time'`, and recognizing this keyword via the `check_message()` function causes the execution of the feature. Go ahead and execute this program to ask Melissa the time.

Committing Changes

It is time to commit the changes you have made to Melissa to the Git repository. Enter the following commands in your terminal:

```
$ git status
$ git diff
$ git add --all
$ git commit -m "Add conversation and time modules"
$ git push
```

The `git diff` command shows you the changes in the individual files that have taken place since the last commit. This will help you to review the changes.