You import the `play_music` module that you create shortly in `main.py`. Then you add the `music_path` variable from `profile.yaml`:

```
music_path = profile_data['music_path']
```

Next, call the `mp3gen()` function so the list of MP3 files is created and ready to use:

```
play_music.mp3gen(music_path)
```

Finally, edit the `brain()` function to look like the following:

```
brain(name, speech_text, music_path, city_name, city_code, proxy_username,
proxy_password)
```

It's time to program the module itself! Create a file named `play_music.py` in the GreyMatter folder, and type in the following code:

```python
import os
import sys
import random

from SenseCells.tts import tts

def mp3gen(music_path):
    """
    This function finds all the MP3 files in a folder and its subfolders and
    returns a list:
    """
    music_list = []
    for root, dirs, files in os.walk(music_path):
        for filename in files:
            if os.path.splitext(filename)[1] == ".mp3":
                music_list.append(os.path.join(root, filename.lower()))
    return music_list

def music_player(file_name):
    """
    This function takes the name of a music file as an argument and plays it
    depending on the OS.
    """
    if sys.platform == 'darwin':
        player = "afplay '" + file_name + "'"
        return os.system(player)
    elif sys.platform == 'linux2' or sys.platform == 'linux':
        player = "mpg123 '" + file_name + "'"
        return os.system(player)
```