

Project

- PyCharmMiscProject ~/PyCharmMiscProject
  - .venv
    - branching.py
  - PyCharmMiscProject.iml
- External Libraries
- Scratches and Consoles

Structure

- kwh\_used
- rate\_first\_1000
- rate\_over\_1000

```
branching.py x
1 #branching
2 kwh_used = 812
3 rate_first_1000 = 7.633 / 100
4 rate_over_1000 = 9.259 / 100
5
6 if kwh_used <= 1000:
7     amount_owed = kwh_used * rate_first_1000
8 else:
9     amount_owed = 1000 * rate_first_1000 + (kwh_used - 1000) * rate_over_1000
10
11 print(f"Amount owed is ${amount_owed:.5f}")
12
13
```

Run branching

Execution output:

```
/Users/nicolasmaltisotto/PyCharmMiscProject/.venv/bin/python /Users/nicolasmaltisotto/PyCharmMiscProject/branching.py
Amount owed is $61.97996

Process finished with exit code 0
```