

Project

PyCharmMiscProject ~/PyCharmMiscProject

.venv

branching.py

PyCharmMiscProject.iml

External Libraries

Scratches and Consoles

Structure

kwh

rate1

rate2

total_dollars

branching.py

```
1 kwh = int(input("Enter the KW hours used: "))
2
3 rate1 = 7.633
4 rate2 = 9.259
5
6 # Calculate total cost in cents
7 if kwh <= 1000:
8     total_cents = kwh * rate1
9 else:
10     total_cents = 1000 * rate1 + (kwh - 1000) * rate2
11
12 # Convert cents to dollars
13 total_dollars = total_cents / 100
14
15 # Print result formatted to two decimal places
16 print("Amount owed is $%.2f" % total_dollars)
17
```

Run branching

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```
/Users/nicolasmaltisotto/PyCharmMiscProject/.venv/bin/python /Users/nicolasmaltisotto/PyCharmMiscProject/branching.py
Enter the KW hours used: 1500
Amount owed is $122.62

Process finished with exit code 0
```