

HWHelloWorldmain

electric bill tests

electric bill tests.py

```
1 # Rates in cents
2 rate_first_1000 = 7.633
3 rate_above_1000 = 9.259
4
5 # Test cases
6 test_kwh = [1500, 764, 1215, 812]
7
8 # Loop through each test case
9 for kwh in test_kwh:
10     # Print the input prompt (like the assignment)
11     print(f"Enter the KW hours used: {kwh}")
12
13     # Calculate total in cents
14     if kwh <= 1000:
15         total_cents = kwh * rate_first_1000
16     else:
17         total_cents = (1000 * rate_first_1000) + ((kwh - 1000) * rate_above_1000)
18
19 # Convert to dollars
```

Runelectric bill tests

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```
/Users/aashkapatel/PycharmProjects/HelloWorld/.venv/bin/python /Users/aashkapatel/PycharmProjects/HelloWorld/electric bill tests.py
Enter the KW hours used: 1500
Amount owed is $122.625

Enter the KW hours used: 764
Amount owed is $58.31612

Enter the KW hours used: 1215
Amount owed is $96.23684999999999

Enter the KW hours used: 812
Amount owed is $61.97996
```

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1:1LFUTF-84 spacesPython 3.13 (HelloWorld)