

This screenshot shows the PyCharm IDE with a project named "Electriccharges". The file explorer on the left shows the project structure, including a ".venv" directory and a "main.py" file. The "main.py" file is open in the editor, displaying the following Python code:

```
1 kilowatt_hours = int(input("Enter kilowatt hours used: "))
2
3 if kilowatt_hours <= 1000:
4     price_cents = kilowatt_hours * 7.633
5     final_price = price_cents / 100 #convert to dollars
6 else:
7     price_cents = 1000 * 7.633
8     over_charge = (kilowatt_hours - 1000) * 9.259
9     final_cents = price_cents + over_charge
10    final_price = final_cents / 100 #convert to dollars
11
12 print(f"Amount owed is ${final_price:.2f}")
13
14
15
```

The "Run" window at the bottom shows the execution of the script. The command used is `/Users/mm92/PycharmProjects/Electriccharges/.venv/bin/python /Users/mm92/PycharmProjects/Electriccharges/main.py`. The input is `Enter kilowatt hours used: 1500`, and the output is `Amount owed is $122.62`. The process finished with exit code 0.

Electriccharges > main.py 10:56 LF UTF-8 4 spaces Python 3.13 (Electriccharges)

This screenshot shows the PyCharm IDE with the same project "Electriccharges". The file explorer on the left shows the project structure, including a ".venv" directory and a "main.py" file. The "main.py" file is open in the editor, displaying the following Python code:

```
1 kilowatt_hours = int(input("Enter kilowatt hours used: "))
2
3 if kilowatt_hours <= 1000:
4     price_cents = kilowatt_hours * 7.633
5     final_price = price_cents / 100 #convert to dollars
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7     price_cents = 1000 * 7.633
8     over_charge = (kilowatt_hours - 1000) * 9.259
9     final_cents = price_cents + over_charge
10    final_price = final_cents / 100 #convert to dollars
11
12 print(f"Amount owed is ${final_price:.2f}")
13
14
15
```

The "Run" window at the bottom shows the execution of the script. The command used is `/Users/mm92/PycharmProjects/Electriccharges/.venv/bin/python /Users/mm92/PycharmProjects/Electriccharges/main.py`. The input is `Enter kilowatt hours used: 764`, and the output is `Amount owed is $58.32`. The process finished with exit code 0.

Electriccharges > main.py 12:44 LF UTF-8 4 spaces Python 3.13 (Electriccharges)

Project: Electriccharges

main.py

```
1 kilowatt_hours = int(input("Enter kilowatt hours used: "))
2
3 if kilowatt_hours <= 1000:
4     price_cents = kilowatt_hours * 7.633
5     final_price = price_cents / 100 #convert to dollars
6 else:
7     price_cents = 1000 * 7.633
8     over_charge = (kilowatt_hours - 1000) * 9.259
9     final_cents = price_cents + over_charge
10    final_price = final_cents / 100 #convert to dollars
11
12 print(f"Amount owed is ${final_price:.2f}")
13
14
15
```

Run: main

/Users/mm92/PycharmProjects/Electriccharges/.venv/bin/python /Users/mm92/PycharmProjects/Electriccharges/main.py

Enter kilowatt hours used: 1215

Amount owed is \$96.24

Process finished with exit code 0

Electriccharges > main.py

Project: Electriccharges

main.py

```
1 kilowatt_hours = int(input("Enter kilowatt hours used: "))
2
3 if kilowatt_hours <= 1000:
4     price_cents = kilowatt_hours * 7.633
5     final_price = price_cents / 100 #convert to dollars
6 else:
7     price_cents = 1000 * 7.633
8     over_charge = (kilowatt_hours - 1000) * 9.259
9     final_cents = price_cents + over_charge
10    final_price = final_cents / 100 #convert to dollars
11
12 print(f"Amount owed is ${final_price:.2f}")
13
14
15
```

Run: main

/Users/mm92/PycharmProjects/Electriccharges/.venv/bin/python /Users/mm92/PycharmProjects/Electriccharges/main.py

Enter kilowatt hours used: 812

Amount owed is \$61.98

Process finished with exit code 0

Electriccharges > main.py