

```
#include <iostream>
using namespace std;

struct ohms{
    float resistance;
    float current;
    float seconds;
};

struct joules{
    ohms watts;
};

int main() {
    joules parameters1;
    float voltage, power;

    parameters1.watts.seconds = 2;
    parameters1.watts.current = 0.05;
    parameters1.watts.resistance = 5000;

    voltage = parameters1.watts.current * parameters1.watts.resistance;
    power = voltage*parameters1.watts.current;
    parameters1.watts.seconds = power * parameters1.watts.seconds ;

    cout << "Time : " << parameters1.watts.seconds << endl;
    cout << "Current : " << parameters1.watts.current << endl;
    cout << "Resistance : " << parameters1.watts.resistance << endl;
    cout << "Power : " << power << endl;
    cout << "Joules : " << parameters1.watts.seconds <<endl;
    return 0;
}
```