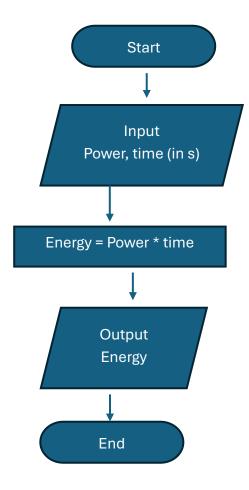
heater function



main function

