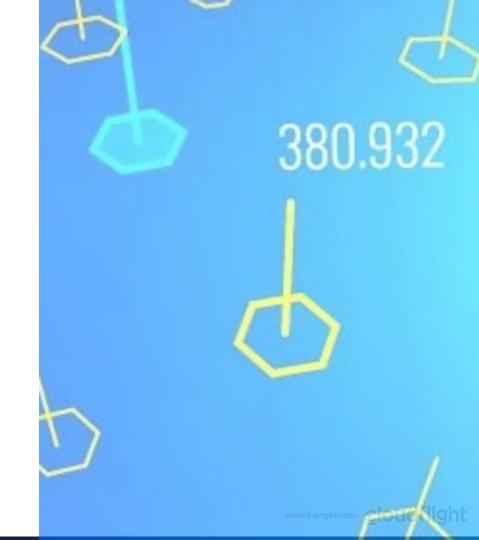




# CODING YOUR TASK

- You'll program an AI smart home assistant that will schedule the operation of all electrical devices in a household, and later of all households of an entire city.
- You'll have to find ways to draw the power at the cheapest possible moment to match the power production.





#### CODING CONTEST





#### Glowy:

POWER!!! Infinite, raw power 😮

•••

... so said my agent.

By the looks of you, we're doing something a lot simpler, right? ... right. No Avengers level stuff for me.

You know, I might look like a lightbulb, but I got a lot going for me. I'm smart, ok? I'll help, just ... listen.

Oh and I'm funny, too.

## CODING CONTEST





#### **Glowy:**

Alright, so there's this "smart" neighborhood we're planning to manage... no, I shouldn't start from there.

So there's this thing, electricity, and it costs money...

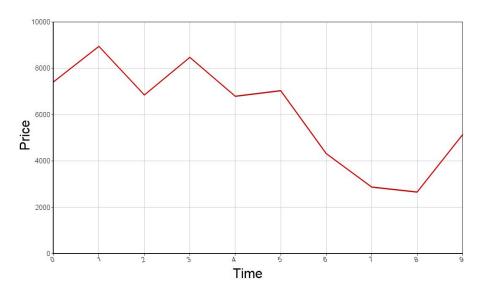
### Task for Level 1:

Find the cheapest power price during the given timespan

# CODING



- > The electricity price changes every minute
- > You are given the prices for a certain timespan
- > Find the minute with the cheapest power price



### CODING CONTEST



	Input	Output
Format	N price (repeats N times)	<pre>minPriceId  Find the minute where the price is the lowest, ids start at 0, if there are multiple minutes that all have the lowest value, take the one with the lowest id</pre>
Types	N (int) number of minutes that follow price (int) price of power at that minute	minPriceId (int)
Example	10 7414 8948 6850 8474 6794 7035 4322 2876 2660 5136	8

