



LEVEL 3



Glowy:

Splendid! You're a natural. Just like Harry Potter was, remember what Hagrid told him when they first met?

"You're a unit of electrical energy, Harry." "I'm a watt?"

Huehuehue. Yes, I'll have one for each level, what did you expect?

**Glowy:**

Getting close to that unlimited power we talked about 😊

**Additional info**

Tasks can now draw as much power as wanted at any given minute within a certain interval

Task for Level 3:

Find the cheapest minute to draw power for each task

- › Tasks now don't have to run for a certain time, but have to draw a certain amount of power to be completed.
- › Tasks can now draw as much power as needed at any given minute within a given interval. This might change in future levels 😊
- › Find the cheapest minute within this interval to complete the task.

	Input	Output
Format	<p>N price (repeats N times) M taskId power startInterval endInterval (repeats M times)</p>	<p>M taskId minuteId power (repeats N times)</p> <p>For each task, find the cheapest minute to draw enough power to finish the task.</p>
Types	<p>N (int) number of minutes that follow price (int) price of power at that minute M (int) Number of tasks that follow taskId (int) id of the task starting at 1 power (int) the amount of power the task has to draw to be completed startInterval (int) the id of the first minute that power can be drawn for this task endInterval (int) the id of the last minute that power can be drawn for this task</p>	<p>M (int) Number of tasks that follow taskId (int) id of the task minuteId (int) id of the minute the task is drawing power power (int) amount of power that is drawn</p>
Example	<pre>10 9796 8267 5415 8256 6770 3985 2567 2753 5600 5046 5 1 4 2 8 2 7 1 8 3 1 0 2 4 1 7 8 5 1 1 2</pre>	<pre>5 1 6 4 2 6 7 3 2 1 4 7 1 5 2 1</pre>



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GOOD LUCK