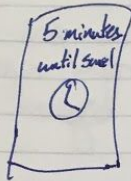


10 ideas for timers and micro controllers

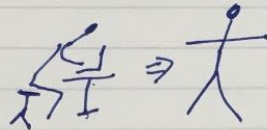
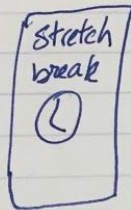
1. A reminder that chirps 5 minutes before sunset to remind you to shut the chickens in.
2. A reminder to get up and stretch every hour during an 8-hour work day.
3. Timed races - how many steps can each participant take during a 5 minute race.
4. Cooking timer - be able to set a timer for various lengths of time depending on the recipe.
5. Putting lights on a timer to make it look like you're home when you're away on vacation.
6. Putting a light on a timer for the end of the work day - "the beer light is on".
7. An alarm clock that plays music to wake you up at a set time.
8. A school bell to signal the start and end times of each class.
9. An audio or visual reminder for 10 minutes before the next ferry leaves.
10. A dimmer that turns the lights off when it is bed time.

Pre Lab 2

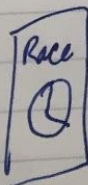
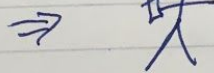
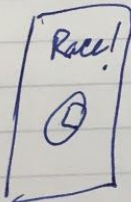
1.



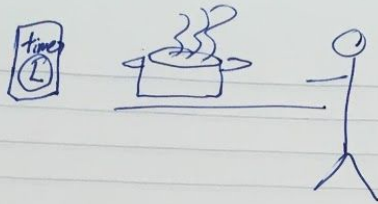
2.



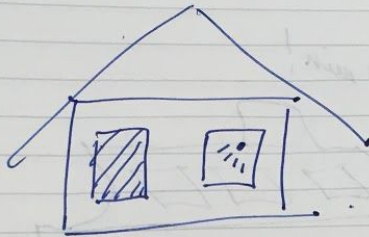
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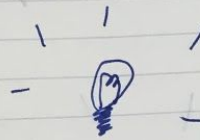
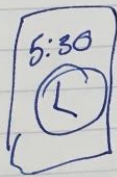
4.



5.

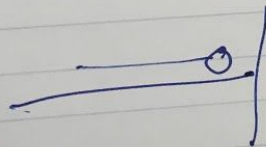


6.



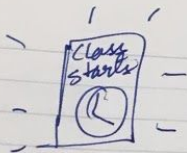
The beer light is on

7.

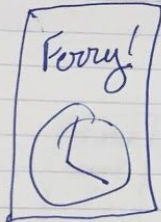


Good Morning!

8.



9.



10 min!



10

