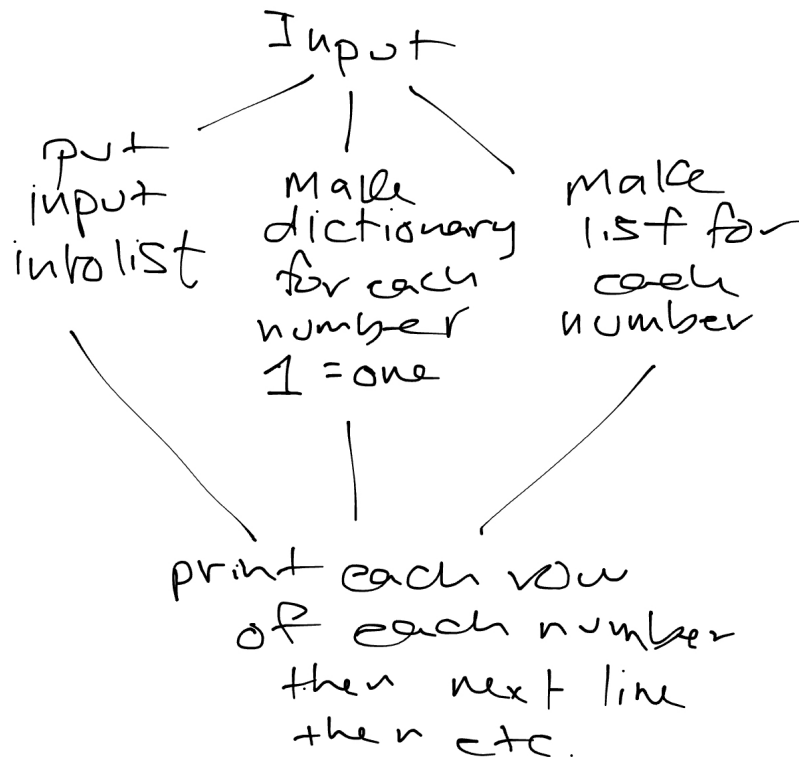


```
# By submitting this assignment, I agree to the following:
# "Aggies do not lie, cheat, or steal, or tolerate those who do."
# "I have not given or received any unauthorized aid on this assignment."
#
# Names:    Yuriy Astapov
#           Areen Bhayani
#           Joaquin Salas
#           Aaditya Srinivasan
# Section:   576
# Assignment: LAB Topic 9: ASCII clock
# Date:      25 October 2022
```

a)



Part B:

Preparation:

First we get input from the user about what time we need and set that to numIn

And then another variable for the inputList

Then we are going to make a list and append the time to that list where it puts each index from the input to a list

Then we created 1 list for each number and put the number in there

We did that for zero to 9 and the colon as well

Then we are going to make a dictionary for each number and colon where we set 0 to zero

Then we make a loop

goes 5 times, once for each row
row variable starts empty
goes through each index of inputList
takes value of inputList at each value, value is string that is used as index
to check dictionary, i denotes each row, dictionary returns string at
specified i value, .strip() takes off spaces at end of rows

Part C:

Test cases: 12:35 , 2:45, 8:59, 6:00, 12:12, 00:00, :

Part G

- This was not that difficult due to the fact that Yuriy Astapov was able to understand the concept and had the gist idea of what to do. From this he explained what to do and we divided the parts up amongst ourselves . This provided us on how to approach the problem and not just mindlessly typing from the beginning, which helped us in the end where we just stuck to our plan and continued on. We did have problems in the end about small formatting errors but they were easily fixable.
- Some Drawbacks of this is that its harder to know who is doing what and communicating variables where we had to change some variable names due to this. I also believe some benefits is that it saves alot of time that would be spent mindlessly just trying to get a solution. Another benefit is that the code is way more organized and it helps the reader and the coder understand what is happening line by line where its just not code randomly placed in places that no one would understand.