Lab 2

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Problem 1

Create a program that stores your plans for a week. Each plan should start at a whole hour (so 10:00, 11:00, etc), and lasts one hour. You should choose between adding information to the plan, and showing the current plan.

All information should be stored in memory (not a file), so the program would lose all info when reset.

Use a tuple to save the name of the days, and use a list to store the plans for each hour.

Example use:

```
s - Store plans
l - List plans
x - Exit
Choose from the list:  s
Which day?  Thursday
What time?  10
What is the plan?  ACIT4420 Lecture
s - Store plans
l - List plans
x - Exit
Choose from the list:  s
Which day?  Thursday
What time?  12
What is the plan?  ACIT4420 Lab
s - Store plans
l - List plans
x - Exit
Choose from the list:  s
Which day?  Thursday
What time?  14
What is the plan?  ACIT4420 Lab
s - Store plans
l - List plans
x - Exit
Choose from the list:  l
```

```
Which day?  Thursday
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00 ACIT4420 Lecture
11:00
12:00 ACIT4420 Lab
13:00
14:00 ACIT4420 Lab
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
```

Problem 2

Write a script that reads the given `python.txt` text-file and creates statistics about the words being used.

- Create a dictionary with the words as keys, and their occurance as the value.
- Print all words that occur more than 3 times in the text.

Remember to remove symbols like comma, full stop, etc when looking for words.

Problem 3

Write a script that takes the text in `python.txt`, replaces *Guido van Rossum*'s name with *your* name, then saves the text as a new file. You can also change the pronouns in the text to fit yours.

Problem 4

Go through the scripts you've just written, and see if you can improve anything (usability, functionality, etc). You can also do this for the exercises from last week, with your newfound knowledge.