

## 7. Python Exercises: dictionaries, strings and files

Write a program that declare a dictionary like this:

```
d = dict()
```

The program will ask the user for the name of a text file and print the following:

1. The whole string of the file
2. The string, one character per line
3. The number of repetitions for each character. How-to: for each character, add (or update) an item to the dictionary where the key is the character and the value is the number of repetitions, and finally print the dictionary.
4. Keys unordered
5. Keys ordered
6. Keys in descending order
7. Values unordered
8. Values ordered
9. Values in descending order
10. Items unordered
11. Items ordered by key
12. Items in descending order by key
13. Items ordered by value
14. Items in descending order by value