## Directory Traversal

Write a program that traverses a given **directory** for **all** **files**. Search through the **first** **level** of the **directory** **only** and write information about each **found** file in **report.txt**. The files should be **grouped** by their **extension**. **Extensions** should be **ordered** by **name alphabetically**. The files with extensions should **also be sorted by name**. **report.txt** should be saved on the **Desktop**. Ensure the desktop path is always valid, regardless of the user.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Directory View** | **report.txt** |
| . |  | .html  - - - index.html  .js  - - - index.js  .pptx  - - - demo.pptx  .py  - - - program.py  - - - python.py  .txt  - - - log.txt  - - - notes.txt |