Composite pattern

```
+-----------+          +-------------------+          +-------------------------+
| Computer  |          |      Drive        |          |     <<interface>>       |
+-----------+          +-------------------+          |  FileSystemComponent    |
|           |--------->| +brand            |          +-------------------------+
+-----------+     *    | +totalSize        |     *    | +print()                |
                       +-------------------+--------->| +getSizeInBytes()       |
                       | +print()          |          +-------------------------+
                       | +getSizeInBytes() |
                       +-------------------+
```

Computer → Drive (multiplicity *)

Drive → FileSystemComponent (multiplicity *)

FileSystemComponent self-association (multiplicity *)

File:
+print()
+getSizeInBytes()

Directory:
+print()
+getSizeInBytes()

File and Directory are generalizations of FileSystemComponent.