

```
1 // Subject.h
2
3 #ifndef SUBJECT_H
4 #define SUBJECT_H
5
6 #include <vector> // Already includes the library <algorithm>. The      ↗
   library <string> also includes it!
7 #include <algorithm> // Not mandatory once the <vector> library already ↗
   includes it
8
9 class Observer;
10
11 class Subject {
12 private:
13     std::vector<Observer*> observers_;
14 public:
15     virtual ~Subject() = default;
16     void attach(Observer* observer);
17     void detach(Observer* observer);
18     void notify();
19 };
20
21 #endif // SUBJECT_H
22
```