

```
1  #ifndef EXCEPTION_H_INCLUDED
2  #define EXCEPTION_H_INCLUDED
3
4  #include <exception>
5  #include <string>
6
7  class Exception : public std::exception {
8  private:
9      std::string msg;
10 public:
11     explicit Exception(const char* message) : msg(message) { }
12
13     explicit Exception(const std::string& message) : msg(message) { }
14
15     virtual ~Exception() throw () { }
16
17     virtual const char* what() const throw() {
18         return msg.c_str();
19     }
20 };
21
22 #endif // EXCEPTION_H_INCLUDED
```