

Constructors in Modern C++ Exercises

Default initialization

- The following class does not define any constructors
- Why is this problematic?
- Write a simple program to demonstrate the problem

```
class refrigerator {  
    // Data members  
    int temperature;  
    bool door_open;  
    bool power_on;  
};
```

In-class initialization

- Use a Modern C++ feature to rewrite your program and avoid the problem

Delegating constructors

- What is meant by a "delegating" constructor?
- Why is this useful?