

Exception-safe Class Exercises

Writing an Exception-safe Class

- Implement an exception-safe constructor, copy constructor, assignment operator and destructor for the class shown below

```
class String {  
    private:  
        int size;  
        char *data;  
        ...  
};
```

Exception Safety

- Explain how using RAII can ensure the strong exception guarantee for a class's
 - Constructor
 - Copy constructor
 - Destructor
 - Assignment Operator

Exception Safety

- Explain how using RAI can ensure the strong exception guarantee for