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/*  
    MODULE: model.h  
  
    PURPOSE: Window model  
  
    AUTHORS: Doug Penner  
             Kyle Macdonald  
             Steffen L. Norgren  
             Max Wardell  
             Eddie Zhang  
*/  
  
#ifndef _MODEL_H_  
#define _MODEL_H_  
  
#include <string.h>  
  
class Model {  
    enum { TEXT_SIZE = 20 };  
public:  
    Model(char const * str) {  
        DisplayText(str);  
        _text[TEXT_SIZE] = '\0';  
    }  
  
    void DisplayText(char const * str) {  
        strncpy_s(_text, str, TEXT_SIZE);  
    }  
  
    char const * GetText() const { return _text; }  
    int GetLen() const { return (int)strlen(_text); }  
  
private:  
    char _text[TEXT_SIZE + 1];  
};  
  
#endif
```