

// stack\_7.h

```
class stack {
private:
    char *stackas;
    int top;
    int size;
public:
    stack(int);
    void reset();
    void push(char);
    char pop();
    int is_empty();
    int is_full();
    int get_size();
    ~stack();
};
```

// stack\_7.cpp

```
#include <stdio.h>
#include "stack_7.h"

stack::stack (int sz) {stackas = new char[size=sz]; reset();}
int stack::reset() { top = 0; }
int stack::is_empty () {return (0 == top); }
int stack::is_full() {return (size == top); }
void stack::push(char c) {...}
char stack::pop() {...}
int stack::get_size() {return size;}
stack::~stack () {delete [] stackas;}
```

// driver\_7.cpp

```
#include <stdio.h>
#include "stack_7.h"

int main(void) {
    int c;
    stack st1(2000), st2(2001);
    cout << st1.get_size();
    while ( '\n' != (c=getchar()) ) st1.push(c);
    while ( '\n' != (c=st1.pop()) ) putchar(c);

    while ( '\n' != (c=getchar()) ) st2.push(c);
    while ( '\n' != (c=st2.pop()) ) putchar(c);
```

stack st;

```
Error: Could not find a match for 'stack::stack()'
```

```
return 0;
}
```