

Define a copy constructor for the stack class.  
Also, overload = operator for this class.

Test this class using a main function:

Step 1 - Define a stack with up to 6 integers.

```
IntStack stack1(6);
```

Then, push and pop a few numbers.

Step 2 - Define stack2:

```
IntStack stack2(6);
```

```
stack2 = stack1;
```

Then, push and pop a few numbers in stack2.

Step 3 - Define stack3:

```
IntStack stack3 = stack1;
```

Then, push and pop a few numbers in stack3.

Investigate if the three stacks are independent.