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Name: Daniel Pinedo

Class: CS 2 Section 0130

Assignment #: 4

All Compilers Used: VS17

Operating Systems on Which Compiled: Win10

Date and Time of Last successful run: 11/06/2017 @1600

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//OUTPUT BELOW

Creating a new Stack.

From Stack Constructor.

We will push some integers on the stack now.

Please enter an integer to be pushed on stack : 10

\*\*\*\*\*\*\*\*\*\*> Using the existing array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 1

The number of items on stack :1

The capacity of stack array is: 1

More data? Enter 0 to continue and 1 to exit: 0

Please enter an integer to be pushed on stack : 9

\*\*\*\*\*\*\*\*\*\*> Expanding the array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 2

The number of items on stack :2

The capacity of stack array is: 2

More data? Enter 0 to continue and 1 to exit: 0

Please enter an integer to be pushed on stack : 8

\*\*\*\*\*\*\*\*\*\*> Expanding the array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 3

The number of items on stack :3

The capacity of stack array is: 3

More data? Enter 0 to continue and 1 to exit: 0

Please enter an integer to be pushed on stack : 7

\*\*\*\*\*\*\*\*\*\*> Expanding the array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 4

The number of items on stack :4

The capacity of stack array is: 4

More data? Enter 0 to continue and 1 to exit: 0

Please enter an integer to be pushed on stack : 6

\*\*\*\*\*\*\*\*\*\*> Expanding the array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 5

The number of items on stack :5

The capacity of stack array is: 5

More data? Enter 0 to continue and 1 to exit: 0

Please enter an integer to be pushed on stack : 5

\*\*\*\*\*\*\*\*\*\*> Expanding the array to push. <\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Number of items in stack now: 6

The number of items on stack :6

The capacity of stack array is: 6

More data? Enter 0 to continue and 1 to exit: 1

From Stack Copy Constructor.

From Stack Destructor.

Making a copy of original stack.

From Stack Constructor.

Topping and Popping the original Stack:

From Stack Copy Constructor.

Now printing the integers pushed on the stack.

5 6 7 8 9 10

From Stack Destructor.

Topping and Popping the copy stack.

From Stack Copy Constructor.

Now printing the integers pushed on the stack.

5 6 7 8 9 10

From Stack Destructor.

From Stack Destructor.

From Stack Destructor.

Press any key to continue . . .