Phillip Ma / CUNYID 15119090

Professor Mane

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**Project 2**

Q1.3: Explain why the print() method is allowed to call the date() method.

When an object invokes the print method, the method has access to all the object’s data members and functions specified in the class – we are “inside” the class. The date method knows which object is invoking it because of the implicit this pointer.

Q2.2: Explain why no changes are required in the function body of release().

The delete operator does not need to consider the data type of the allocated memory, only whether memory was allocated for a single variable as opposed to an array.

Q2.3: Explain why no changes are required in the function bodies for any of the constructors, copy, assignment and destructor.

The data type of the array pointer (\_vec) isn’t referred to inside the bodies of any of these functions.

Q2.4: Explain why no changes are required in the function bodies for clear() and pop back().

Both functions only deal with the \_size data member, which stays an int type.

Q2.10: Explain why the input to “print(...)” is const but “print(. . . )” itself is not const.

Const is only relevant for class methods, generating a compiler error if the class method modifies the invoking object. The print function is not a member of either of the 2 classes.