**Answer the questions in Exercise A in the following table and post it into the D2L**

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| **Program output and its order** | **Your explanation (why and where is the cause for this output)** |
| **constructor with int argument is called.** | it is called at line 12 in exAmain when:Mystring c = 3. Constructor Mystring::Mystring(int n)is called |
| **default constructor is called.**  **default constructor is called.** | Called at line18 of main when array x is declared and Mystring::Mystring() is called. |
| **constructor with char\* argument is called.** | Called at line 23 of main when pointer z is initialized with “4”, calling Mystring::Mystring(const char \*s) |
| **copy constructor is called.**  **copy constructor is called.** | Called when the append functions are called, because they pass Mystring objects by value for the argument, meaning that a copy of the object needs to be made implicitly |
| **destructor is called.**  **destructor is called.** | The two argument objects that were passed by value into the append functions are deleted when the append function has ended and out of scope |
| **copy constructor is called.** | Called when object mars is initialized with x[0] |
| **assignment operator called.** | Called when x[1] is assigned as x[0] |
| **constructor with char\* argument is called.**  **constructor with char\* argument is called.** | These are called when variables Jupiter is initialized with “white” and ar[0] is assigned “yellow”, which calls Mystring::Mystring(const char \*s) |
| **destructor is called.**  **destructor is called.**  **destructor is called.**  **destructor is called.**  **destructor is called.** | These are called when the following objects of Mystring are deleted when they become out of scope because the block of code ends: x[0], x[1], \*z, mars, jupiter |
| **constructor with char\* argument is called.** | Called when variable d is initialized with “Green” |
| **Program terminated successfully.** | Program Reaches line 41, cout |
| **destructor is called.**  **destructor is called** | Return from line 42, all remaining destructors are called. |