###### *Homework 7 - Report*

###### *Classes*

**Name: Pan Yue**

What is this homework’s level of difficulty? (1– easy, 10 – very difficult) Answer: 6

When did you start working on this homework? I started working on it from Tuesday.

How long did it take you to complete this homework? Answer: 5 hours

Did you save the output as a comment at the end of the source file? Yes.

What score would you assign to this project (see Grading below)? Answer: 99

**Grading:**

A. 35Points - NumDays Class 34

B. 30Points - Employee and ProductionWorker Classes 30

C. 30Points - Ship, CruiseShip, and CargoShip Classes 30

Self Assessment Report – 5Points 5

Why do you think you deserve this score (show the score calculation with justification)?

I’ve written the comments for all functions and checked the whole program several times.

What was the most difficult task/part of this homework assignment?

It is a little difficult to deal with class inheritance and polymorphism because I’m still not that familiar with the new knowledge.

Comments and Suggestions:

I’m really grateful for your help in my process of learning codes. You’ve provided us with many excellent lectures and assignments, making me improve a lot. Hopefully, I can enjoy coding like you from now on.

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| Thanks you for your feedback. | Delia Garbacea, Mar 22 at 3:44pm |
| ~\*~=======================================~\*~~  What is an inline function? How is it different from a regular function? Some of the functions are too long to be inline functions. Functions that are really short should be inline functions and are placed in the .hpp file. Longer function functions should be placed in the .cpp file -2Points ~\*~=======================================~\*~~ | Delia Garbacea, Mar 22 at 3:45pm |
| ~\*~=======================================~\*~~  As explained in Homework 6: //using namespace std; //<==== This statement // in a header file of a complex project could create // namespace management problems for the entire project // (such as name collisions). // Do not write namespace using statements at the top level in a header file! using std::string; In a header file do not write the following statement: using namespace std; -1Point ~\*~=======================================~\*~~ |  |