

SER221 Assignment 3 Sample Output

1) ship.cpp

All the three types of Ships: *Ship*, *CruiseShip* and *CargoShip* are to be instantiated twice using the two methods of object creation and hence printed twice.

INPUT:

Enter the Name of the Ship: myShip

Enter the year the Ship was built: 1900

Enter the Name of the CruiseShip: Titanic

Enter the year the CruiseShip was built: 1912

Enter the capacity of the Cruise Ship (in persons): 3300

Enter the Name of the CruiseShip: OilTanker

Enter the year the CargoShip was built: 1999

Enter the capacity of the Cargo Ship (in tonnage): 47000

OUTPUT:

*Now printing the Objects created **using constructor with arguments:***

Ship Name: myShip

Built: 1900

CruiseShip Name: Titanic,

Capacity of Cruise Ship - Number of Passengers: 3300 Persons

CargoShip Name: OilTanker

Capacity of Cargo Ship-Tonnage: 47000 Tons

*Now printing the Objects created **using default constructor and mutators:***

Ship Name: myShip

Built: 1900

CruiseShip Name: Titanic,

Capacity of Cruise Ship - Number of Passengers: 3300 Persons

CargoShip Name: OilTanker

Capacity of Cargo Ship-Tonnage: 47000 Tons

2) reverse.cpp

Enter a string to be reversed: software

The reverse of software is: erawtfos