Sample Run:

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

[2] Edit Ship [B] Print Ship In Service List

[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: 1

Enter the new ship name: Skipper

How many balcony rooms? 10

How many OceanView rooms? 20

How many rooms are suites? 10

How many interior rooms? 40

Has this ship been assigned a service?

Y for Yes, N for No N

Luxury Ocean Cruise Outings

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[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: A

SHIP LIST - Name

Candy Cane

Peppermint

Bon Bon

Candy Corn

Skipper

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

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[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: 2

Which ship would you like to edit:

1. Candy Cane
2. Peppermint
3. Bon Bon
4. Candy Corn
5. Skipper
6. Return to previous menu

Enter a menu selection: 3

Which item do you wish to edit:

1. Ship name
2. Number of balconies
3. Number of Ocean Views
4. Number of Suites
5. Number of Interior
6. Service status
7. Update all
8. Return to previous menu

Enter a menu selection: 7

Ship Bon Bon is currently not in service.

Would you like to put it in service? Yes

Bon Bon is now in service.

Luxury Ocean Cruise Outings

System Menu

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[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: B

SHIP LIST – ACTIVE

-----------------------------------------------------

Number of Rooms In

SHIP NAME Bal OV Ste Int Service

-----------------------------------------------------

Candy Cane 20 40 10 60 true

Peppermint 10 20 5 50 true

Bon Bon 12 18 2 26 true

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

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[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: C

SHIP LIST – FULL

-----------------------------------------------------

Number of Rooms In

SHIP NAME Bal OV Ste Int Service

-----------------------------------------------------

Candy Cane 20 40 10 60 true

Peppermint 10 20 5 50 true

Bon Bon 12 18 2 26 true

Candy Corn 12 18 2 24 false

Skipper 10 20 10 40 false

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

[2] Edit Ship [B] Print Ship In Service List

[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: 4

Enter cruise name: Lollipop

These ships can be added to a cruise:

1. Candy Corn
2. Skipper
3. Return to previous menu

Enter a menu selection: 1

Enter the departure port: Ft Lauderdale

Enter the destination: Bahamas

Enter the return port: Ft Lauderdale

Luxury Ocean Cruise Outings

System Menu

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[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: D

CRUISE LIST - NAME

Southern Swirl

Jolly Fun

Lollipop

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

[2] Edit Ship [B] Print Ship In Service List

[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: E

CRUISE LIST – DETAILS

-----------------------------------------------------------------

--------------PORTS----------------

CRUISE NAME SHIP NAME DEPARTURE DESTINATION RETURN

-----------------------------------------------------------------

Southern Swirl Candy Cane Miami Cuba Miami

Jolly Fun Peppermint New Orleans Cozumel New Orleans

Lollipop Candy Corn Ft Lauderdale Bahamas Ft Lauderdale

----------------------------------------------------------------

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

[2] Edit Ship [B] Print Ship In Service List

[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: F

PASSENGER LIST

-------------------------------------------------------------

PASSENGER NAME CRUISE ROOM TYPE

-------------------------------------------------------------

Neo Anderson Southern Swirl STE

Trinity Southern Swirl BAL

Morpheus Jolly Fun INT

Luxury Ocean Cruise Outings

System Menu

[1] Add Ship [A] Print Ship Names

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[3] Add Cruise [C] Print Ship Full List

[4] Edit Cruise [D] Print Cruise List

[5] Add Passenger [E] Print Cruise Details

[6] Edit Passenger [F] Print Passenger List

[x] Exit System

Enter a menu selection: X

Goodbye!

Note that not all menu options are selected in this sample run, but you are expected to have every option working.