

```
PS D:\4th sem Engineering\Lab OOP\OOP Lab programs\Project> cd "d:\4th sem Engineering\Lab OOP\OOP Lab programs\Project"
ship-final.cpp -o ship-final } ; if ($?) { .\ship-final }
Welcome to RMS Docks:
Enter the Type of Ship to be operated on:
Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:
1
You have Selected CruiseShip type:

The functions provided and their choices in this database are:
1: Enter data of a Ship Docking
2: Notification of a Ship Leaving the dock
3: Search the details of a Ship
4: Get details of all the ships in the dock
5: Modify details of a Ship currently at dock
Other values: Exit category
Enter your choice:
1
Enter the details of the Cruise Ship Docking:
JaleshCruises
Sunil
2014
150
```

```
The functions provided and their choices in this database are:
1: Enter data of a Ship Docking
2: Notification of a Ship Leaving the dock
3: Search the details of a Ship
4: Get details of all the ships in the dock
5: Modify details of a Ship currently at dock
Other values: Exit category
Enter your choice:
1
Enter the details of the Cruise Ship Docking:
MahabahuCruises
Rajesh
2011
200
```

```
The functions provided and their choices in this database are:
1: Enter data of a Ship Docking
2: Notification of a Ship Leaving the dock
3: Search the details of a Ship
4: Get details of all the ships in the dock
5: Modify details of a Ship currently at dock
Other values: Exit category
Enter your choice:
6
Exiting category.
```

```
Do you want to continue?(Yes/No):
yes
Enter the Type of Ship to be operated on:
Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:
2
You have Selected CargoShip type:
```

```
The functions provided and their choices in this database are:
1: Enter data of a Ship Docking
2: Notification of a Ship Leaving the dock
3: Search the details of a Ship
4: Get details of all the ships in the dock
5: Modify details of a Ship currently at dock
Other values: Exit category
Enter your choice:
1
Enter the details of the Cargo Ship Docking:
PalaisRoyal
John
2005
25000
```

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
 - 2: Notification of a Ship Leaving the dock
 - 3: Search the details of a Ship
 - 4: Get details of all the ships in the dock
 - 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

6

Exiting category.

Do you want to continue?(Yes/No):

yes

Enter the Type of Ship to be operated on:

Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:

3

You have Selected WarShip type:

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
 - 2: Notification of a Ship Leaving the dock
 - 3: Search the details of a Ship
 - 4: Get details of all the ships in the dock
 - 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

1

Enter the details of the War Ship Docking:

INSMysore

Harish

1957

11000

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
 - 2: Notification of a Ship Leaving the dock
 - 3: Search the details of a Ship
 - 4: Get details of all the ships in the dock
 - 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

6

Exiting category.

Do you want to continue?(Yes/No):

yes

Enter the Type of Ship to be operated on:

Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:

1

You have Selected CruiseShip type:

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
 - 2: Notification of a Ship Leaving the dock
 - 3: Search the details of a Ship
 - 4: Get details of all the ships in the dock
 - 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

3

Enter the captain of the ship whose details are required:

Rajesh

The details requested are:

Ship Name: MahabahuCruises

Captain Name: Rajesh

Built Year: 2011

Passenger Count: 200

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking

- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship
- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

6

Exiting category.

Do you want to continue?(Yes/No):

yes

Enter the Type of Ship to be operated on:

Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:

3

You have Selected WarShip type:

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship
- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

5

Enter the captain of the ship whose details are to be changed:

Harish

The Ship details will be changed:

Enter the details of the War Ship Docking:

D60

Harish

1957

11000

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship
- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

4

The details of all the ships are:

The details of Ship 1:

Ship Name: D60

Captain Name: Harish

Built Year: 1957

Weapon Capacity: 11000

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship
- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

6

Exiting category.

Do you want to continue?(Yes/No):

yes

Enter the Type of Ship to be operated on:

Enter 1 for CruiseShip, 2 for CargoShip, 3 for WarShip:

1

You have Selected CruiseShip type:

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship

- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

The details of all the ships are:

The details of Ship 1:

Ship Name: JaleshCruises

Captain Name: Sunil

Built Year: 2014

Passenger Count: 150

The details of Ship 2:

Ship Name: MahabahuCruises

Captain Name: Rajesh

Built Year: 2011

Passenger Count: 200

The functions provided and their choices in this database are:

- 1: Enter data of a Ship Docking
- 2: Notification of a Ship Leaving the dock
- 3: Search the details of a Ship
- 4: Get details of all the ships in the dock
- 5: Modify details of a Ship currently at dock
- Other values: Exit category

Enter your choice:

6

Exiting category.

Do you want to continue?(Yes/No):

No

PS D:\4th sem Engineering\Lab OOP\OOP Lab programs\Project> █