Port Details

Devi Shipping Company covers over 50 ports, making it a large marketplace in the logistics industry. The company wanted a functionality in their Shipment System to manage their port details as a List structure. Write a program to create a list of ports by getting the port details as inputs using comma separated values. The program should add a new port detail and insert its details anywhere in the list. Get the position in the list where that specific port to be inserted from the User. Finally after adding and inserting the new ports, the program should display all the ports in the list.

Problem Specifications :

[Note : Strictly adhere to the object oriented specifications given as a part of the problem statement. Use the same class names,attribute names and method names.]

Create a class **Port** with the following attributes

- Integer id
- String name
- String city

Include appropriate getters , setters and constructors
Hint :
Use ArrayList

Input Format:

The first input consists of an integer n which corresponds to the number of port details.

Next n+1 input consists of String which corresponds to the port details in following order id, name, location.

Next input consists of an integer which corresponds to position to be inserted

Next input consists of a String which corresponds to port details in following port id, name,location.

Output Format:

Output should display the port details as follows

System.out.format("%-15s%-15s%-15s/n","PortId","Name","Location");

Sample Input and Output :

Enter the number of Port details

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Enter the Port details

111,Kochi Port,Kerala

113,Mangalore Port,Karnataka

114,Mundra Port,Gujarat

115,Kandla Port,Gujarat

Port Id	Name	Location
111	Kochi Port	Kerala
113	Mangalore Port	Karnataka
114	Mundra Port	Gujarat
115	Kandla Port	Gujarat

Enter the position

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Enter the port detail to be inserted

112,Quilon Port,Gujarat

After the insertion of port details

Port Id	Name	Location
111	Kochi Port	Kerala
112	Quilon Port	Gujarat
113	Mangalore Port	Karnataka
114	Mundra Port	Gujarat
115	Kandla Port	Gujarat