Class UsedCarLot

java.lang.Object
    UsedCarLot

```
public class UsedCarLot
extends Object
```

Constructor Summary

Constructors

Constructor	Description
`UsedCarLot()`	Instantiates a UsedCarLot object and initializes it as an empty ArrayList

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method	Description
void	`addCar(int indexToAdd, Car carToAdd)`	Adds a car to a certain index of the UsedCarLot object
void	`addCar(Car added)`	Adds a car to the UsedCarLot object
`ArrayList <Car>`	`getInventory()`	Returns the inventory of the UsedCarLot
void	`moveCar(int indexOfCarToMove, int destinationIndex)`	Moves the car to the location of the index
Car	`sellCarNoShift (int indexOfCarToSell)`	Removes the Car object from the inventory and replaces it with null
Car	`sellCarShift (int indexOfCarToSell)`	Removes a Car object from the inventory
boolean	`swap(int one, int two)`	Swaps the places of two Car objects

Methods inherited from class java.lang.Object

`clone` , `equals` , `finalize` , `getClass` , `hashCode` , `notify` , `notifyAll` , `toString` , `wait` , `wait` , `wait`

Constructor Details

UsedCarLot

```
public UsedCarLot()
```

Instantiates a UsedCarLot object and initializes it as an empty ArrayList

Method Details

getInventory

```
public ArrayList <Car> getInventory()
```

Returns the inventory of the UsedCarLot

Returns:

the inventory of the UsedCarLot

addCar

```
public void addCar(Car added)
```

Adds a car to the UsedCarLot object

Parameters:

`added` - The added Car object

addCar

```
public void addCar(int indexToAdd,
                   Car carToAdd)
```

Adds a car to a certain index of the UsedCarLot object

Parameters:

`indexToAdd` - the index of where to place the carToAdd

`carToAdd` - the Car object added in indexToAdd

swap

```
public boolean swap(int one,
                    int two)
```

Swaps the places of two Car objects

Parameters:

`one` - the first index

`two` - the second index

Returns:

true if the indexes are within the size of inventory and false if they do not

sellCarShift

```
public Car sellCarShift(int indexOfCarToSell)
```

Removes a Car object from the inventory

Parameters:

`indexOfCarToSell` - index of the car the user wants to sell

Returns:

the Car that was removed

sellCarNoShift

```
public Car sellCarNoShift(int indexOfCarToSell)
```

Removes the Car object from the inventory and replaces it with null

Parameters:

`indexOfCarToSell` - index of the car the user wants to sell

Returns:

the Car that was removed

moveCar

```
public void moveCar(int indexOfCarToMove,
                    int destinationIndex)
```

Moves the car to the location of the index

Parameters:

`indexOfCarToMove` - index of the car the user wants to move

`destinationIndex` - index of the place the user wants to move the car to