

TRANSPORT COMPANY COMPUTERIZATION

GROUP 7

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02

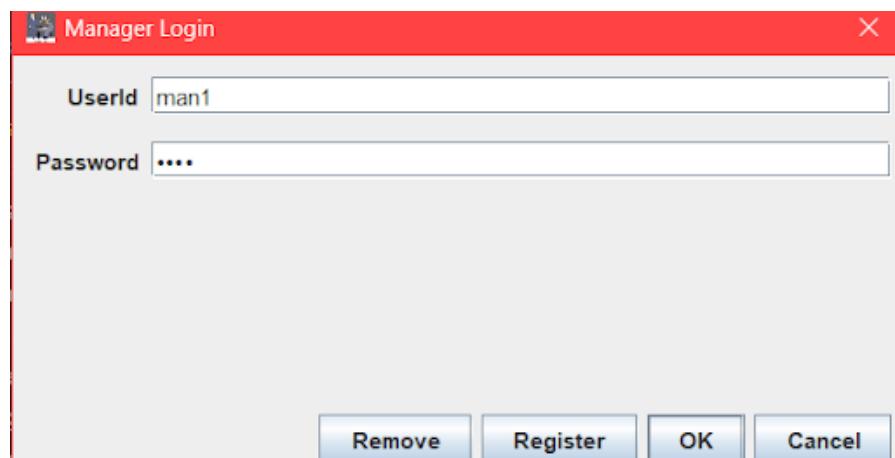
LANDING PAGE

This is the first page that the user sees when the software is launched and here the user can login either as manager or employee.



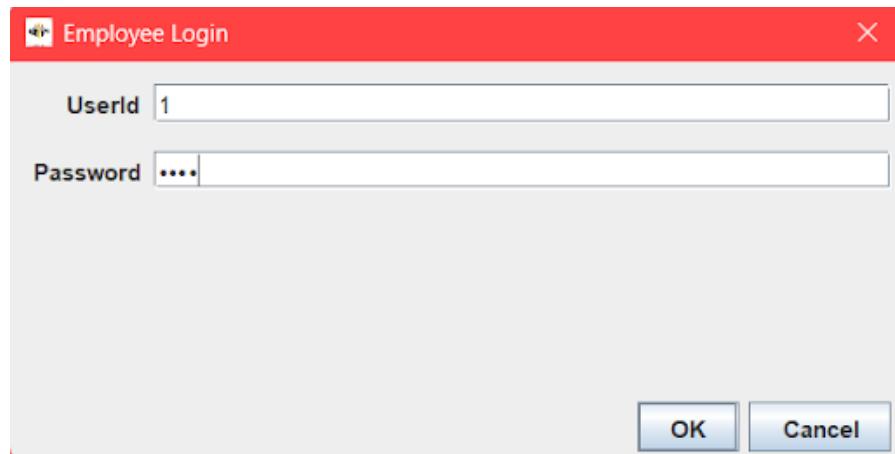
0 3

LOGIN AS MANAGER



A screenshot of a "Manager Login" dialog box. The title bar is red with the text "Manager Login" and a close button. The main area contains two input fields: "UserId" with the value "man1" and "Password" with the value "****". At the bottom are four buttons: "Remove", "Register", "OK", and "Cancel".

LOGIN AS EMPLOYEE



A screenshot of an "Employee Login" dialog box. The title bar is red with the text "Employee Login" and a close button. The main area contains two input fields: "UserId" with the value "1" and "Password" with the value "****". At the bottom are two buttons: "OK" and "Cancel".

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HOME PAGE FOR EMPLOYEE

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 Employee Activity X

What do You Want to do?

Enter Consignment Details

Show Bill

Close

05

ADD CONSIGNMENT DETAILS

Enter Details Of Consignment

Id	c1
Volume	12
SenderId	1
ReceiverId	2
Sourceld	br1
Destination Id	br2

Cancel **Next**

Enter Sender Details

Id	1
Name	avinash
Address	ism
Mobile No.	9999999999
Email Id	avinash@

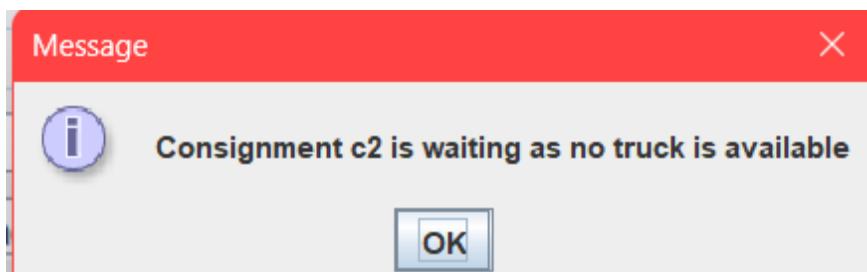
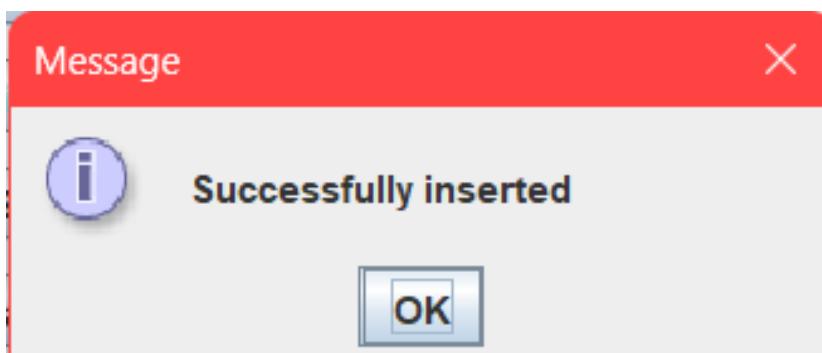
Next

0 6

Enter Receiver Details X

Id	2
Name	aryan
Address	firozabad
Mobile No.	9999999999
Email Id	aryan@

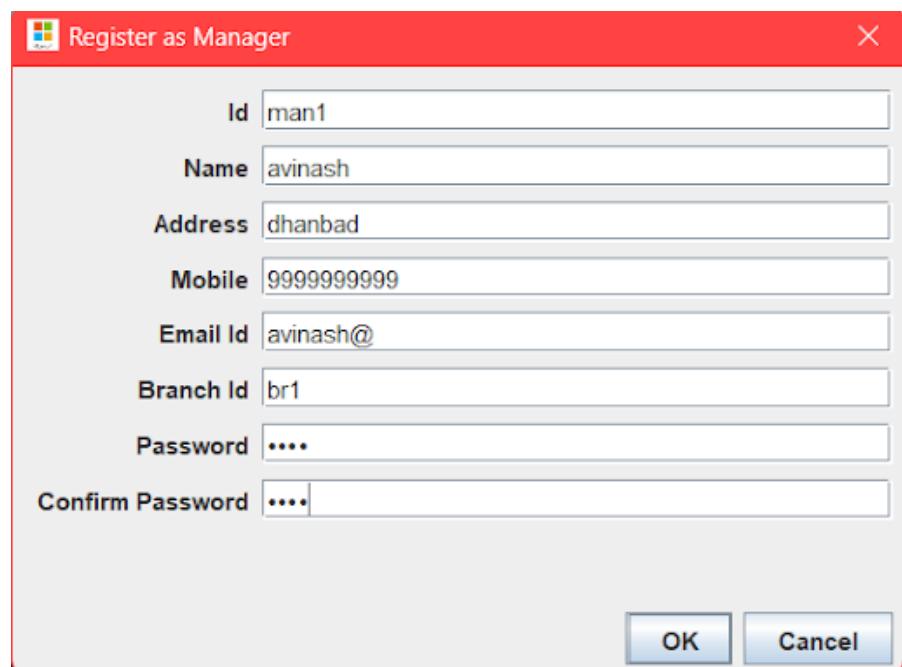
OK



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REGISTERING A MANAGER

**THE MANAGER CAN REGISTER ITSELF
BY GIVING CORRECT DETAILS**

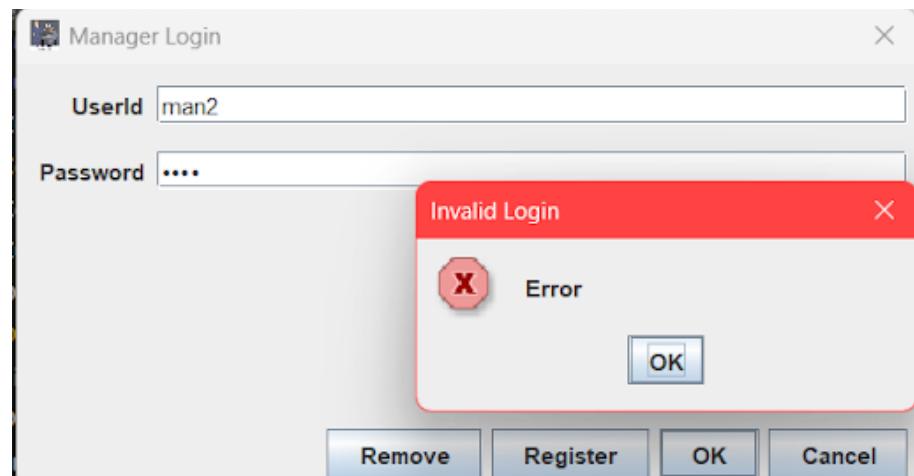
A screenshot of a Windows-style dialog box titled "Register as Manager". The dialog has a red header bar and a white body with a thin black border. It contains eight text input fields for registration details: Id (man1), Name (avinash), Address (dhanbad), Mobile (9999999999), Email Id (avinash@), Branch Id (br1), Password (****), and Confirm Password (****). At the bottom right are two buttons: "OK" and "Cancel".

Field	Value
Id	man1
Name	avinash
Address	dhanbad
Mobile	9999999999
Email Id	avinash@
Branch Id	br1
Password	****
Confirm Password	****

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ERROR DURING MANAGER LOGIN

In case the manager types in wrong username or password then an error message pops up.



09



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HOME PAGE FOR MANAGER

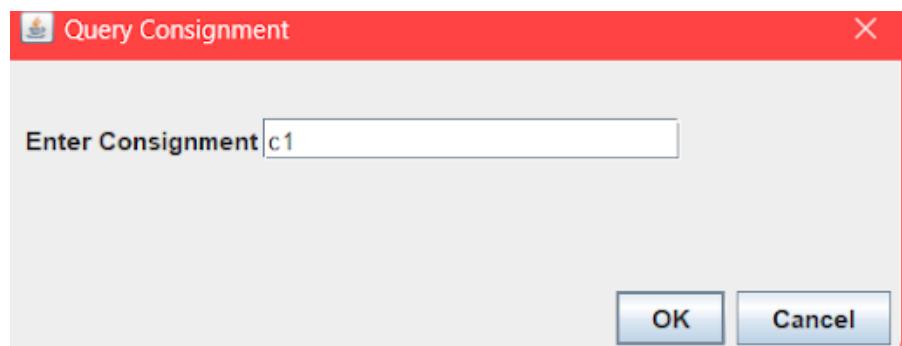
”

What Do You Want To D...

- [Query Consignment](#)
- [View Average Waiting Period OF Consignment](#)
- [View Idle Waiting Time Of Truck](#)
- [View Truck Status](#)
- [Change Rate](#)
- [Buy Truck](#)
- [Add Employee](#)
- [View Truck Usage](#)
- [Enter Details of Consignment](#)
- [Add Branch](#)
- [Show Bill](#)

QUERYING A CONSIGNMENT

Manager can see all the details about a specific consignment by the Query consignment feature.



AVG WAITING PERIOD OF CONSIGNMENT

“ MANAGER CAN VIEW AVERAGE WAITING PERIOD OF CONSIGNMENT ”

The system calculates the waiting period of consignment for a particular branch. Let's say there are N consignments
 $w_1 = \text{waiting time of consignment}_1$

and $w_1 = (\text{dispatch_date} - \text{order_date})$

$\text{avg_Waiting_time} = (w_1 + \dots + w_n) / n$



consignmentId	volume	senderId	receiverId	revenue	isTruck	truckno	dispatchstatus	sourceld	destId	orderdate	despatchdate	requirednooftrucks
c1	12	1	2	12000	1	1,1	1	br1	br2	2023-04-12	2023-04-12	1
c2	20	3	2	25000	1	61	1	br1	br2	2023-04-12	2023-04-12	1
c3	25	1	4	25000	0		0	br1	br2	2023-04-12	NULL	1
c5	600	1	2	1200000	1	1,2	1	br1	br2	2023-04-12	2023-04-12	2
c6	2001	1	2	4002000	0		0	br1	br2	2023-04-12	NULL	5

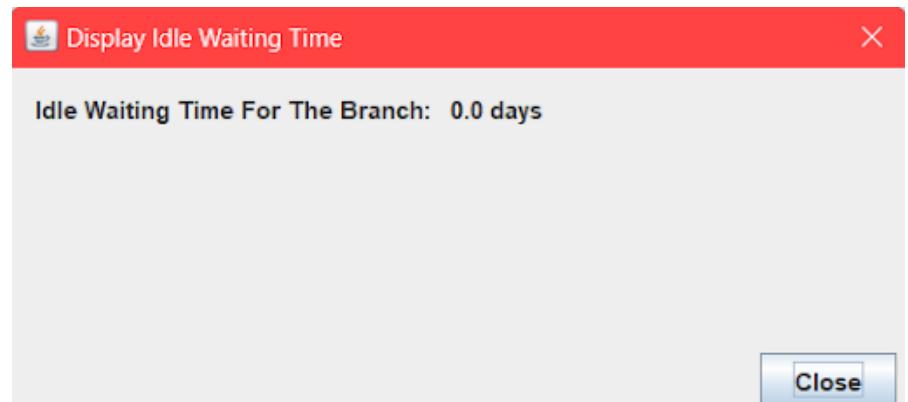
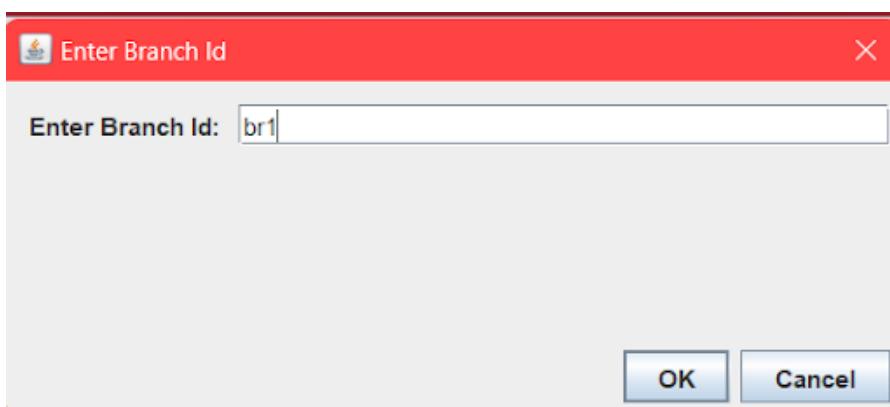
IDLE WAITING TIME OF TRUCK

“

LET US SAY WE HAVE N TRUCKS AT A BRANCH
AND W_1 = WAITING TIME OF TRUCK 1 ..
WHERE $W_1 = (\text{CURRENT TIME} - \text{ARRIVAL TIME})$
SIMILARILY W_N = WAITING TIME OF TRUCK N

IDLE WAITING TIME AT BRANCH= $(W_1 + \dots + W_N)/N$

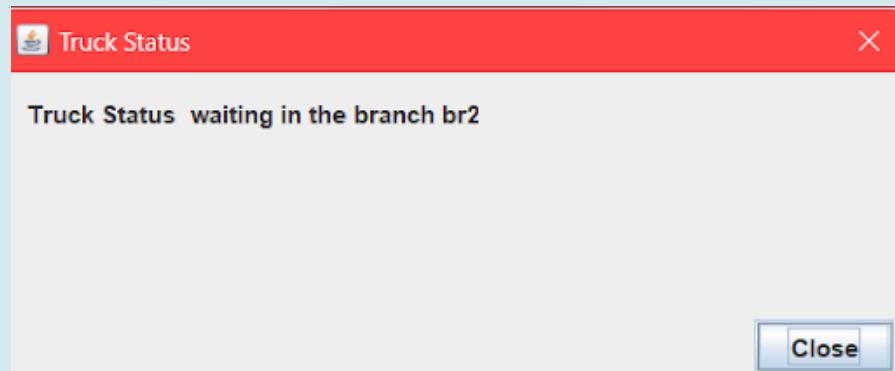
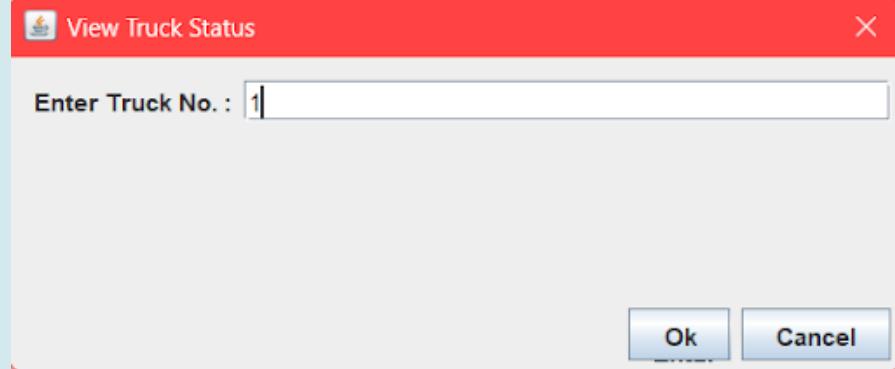
”



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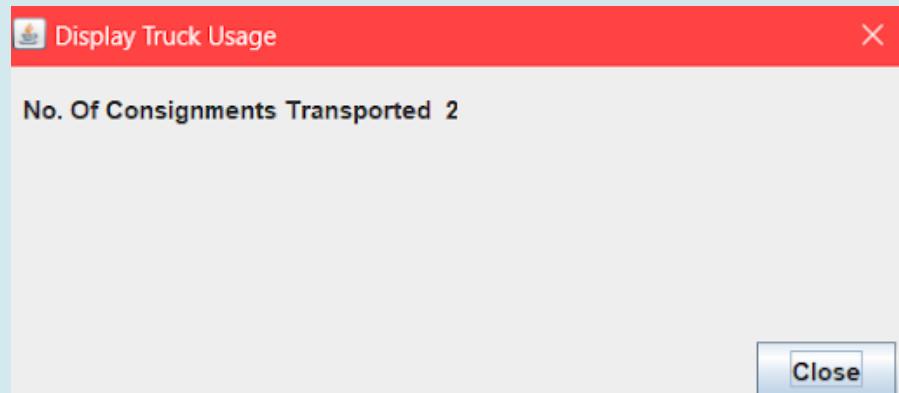
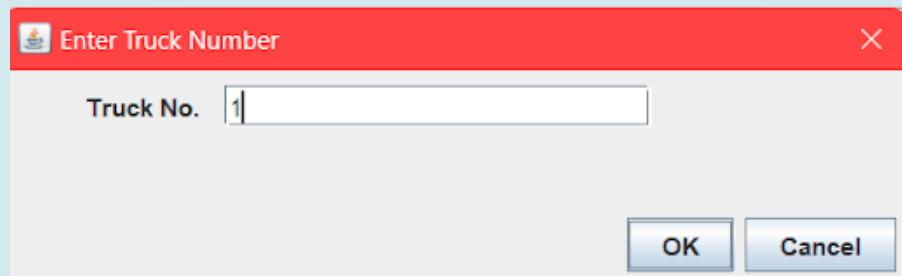
VIEW TRUCK STATUS

IT TELLS US ABOUT THE BRANCH ID AT WHICH
THE TRUCK IS PRESENT



VIEW TRUCK USAGE

IT TELLS US ABOUT THE NUMBER OF CONSIGNMENTS TRANSPORTED BY THE TRUCK.



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CHANGE RATE OF A BRANCH

 Change The Rate for Any Branch (per cubic metres) X

Branch Id:	<input type="text" value="br1"/>
New Rate	<input type="text" value="2000"/>

OK Cancel

BUY TRUCK AT A BRANCH

 Buy Trucks X

Truck No.	<input type="text" value="1"/>
Current Branch	<input type="text" value="br1"/>

OK Cancel

Message X

 Successfully inserted the truck no.1 in the database

OK

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ADD EMPLOYEE

Adding New Employee X

Enter ID	2
Enter Name	aryan
Enter Address	ism
Enter Mobile No.	9999999999
Enter EmailID	aryan@
Enter BranchId	br2
Enter Password
Re-enter Password

OK Cancel

ADD BRANCH

Add Branch X

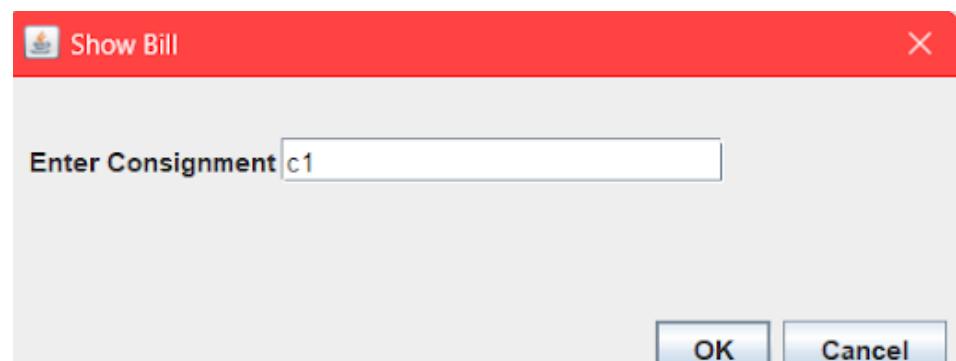
Branch Id	br1
Branch Address	ism
Branch Phone	9999999999
rate	1000

OK Cancel

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SHOW BILL

IT WILL DISPLAY THE ENTIRE BILL OF CONSIGNMENT WITH ALL OF IT'S DETAILS.



DATABASE

The screenshot shows a MySQL database interface with a sidebar on the left containing a tree view of databases and tables. The main area displays a table of six tables: branchOffice, consignment, customer, employee, manager, and truck. Each table row includes actions like Browse, Structure, Search, Insert, Empty, and Drop.

Table	Action	Rows	Type	Collation	Size	Overhead
branchOffice	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16,0 Kib	-
consignment	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16,0 Kib	-
customer	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	16,0 Kib	-
employee	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16,0 Kib	-
manager	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16,0 Kib	-
truck	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16,0 Kib	-
6 tables		Sum		23 InnoDB utf8mb4_general_ci 96,0 Kib		8 %

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BRANCH OFFICE

branchId	branchAddress	branchPhone	numberoftrucks	numberofemployees	volumehandled	revenue	idlewaitingtime	rate	currentnumoftucks	numberofwaitingcon
br1	ism	9999999999	3	1	0	0	0	2000	2	
br2	it kharagpur	9999999999	1	0	12	12000	0	1000	1	
br3	it mrooline	9999999999	0	0	0	0	0	900	0	

CONSIGNMENT

consignmentId	volume	senderId	receiverId	revenue	isTruck	truckNo	dispatchStatus	sourceId	destId	orderDate	dispatchDate	requiredNoOfTrucks
c1	12	1	2	12000	1	1	1	br1	br2	2023-04-12	2023-04-12	1
c2	20	3	2	20000	0	0	0	br1	br2	2023-04-12	NULL	1
c3	25	1	4	25000	0	0	0	br1	br2	2023-04-12	NULL	1

EMPLOYEE

Id	Name	Address	Mobile	Email	BranchId	Password
1	avinash	ism	9999999999	avi@	br1	j6qZnIpanKkFwFp10wyQVjTNZvFxgabxN67xdIxSNkVmSKoOgJu...
3	arti	ism	9999999999	arti@	br1	dVGEBH12CWvvDN2qWMmQN9ZNF6AmkPQpMuIoVw7cZZBUKyblcFp...
4	asharam	ism	9999999999	asharam@	br2	VcdFy1/tIBrmZRbxqrUjR2sgT9U6l279TNsOu/chDCr8fEYnY...
2	aryan	ism	9999999999	aryan@	br2	T3gqsJ1gfvcRlJuWJWa6N+TFHJs19spzeKdVYZSzhsisE1j...

MANAGER

Id	Name	Address	Mobile	EmailId	BranchId	Password
man1	avinash	dhanbad	9999999999	avinash@	br1	bvAn3yd/8AYNmNw0wifZv+LLglptcsUqlugbaoueaFb/Bcbj8r...

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CUSTOMER

Name	Address	Mobile	Email	Id	ConsignmentId
avinash	ism	9999999999	avinash@	1	c1
aryan	firozabad	9999999999	aryan@	2	c1
arti yadav	delhi	9999999999	arti@	3	c2
aryan bansal	agra	9999999999	aryan@	2	c2
avinash	dhanbad	9999999999	avinash@	1	c3
meena	rajasthan	9999999999	meena@	4	c3

TRUCK

truckNo	currentBranch	noOfCon	status	buyingdate	arrivedate	dispatchdate
1	br2	2	waiting in the branch br2	2023-04-12	2023-04-12	NULL
1	br2	2	waiting in the branch br2	2023-04-12	2023-04-12	NULL
1	br1	0	waiting in the branchid = br1	2023-04-12	2023-04-12	NULL
2	br1	0	waiting in the branchid = br1	2023-04-12	2023-04-12	NULL

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“

THANK YOU

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