

Hexaware Foundation Training 2025

Sql / Java Assignments

Courier Management System

26/03/2025

Karthikeyan M

Task 2

Task 2: Select,Where

Solve the following queries in the Schema that you have created above

1. List all customers:
2. List all orders for a specific customer:
3. List all couriers:
4. List all packages for a specific order:
5. List all deliveries for a specific courier:
6. List all undelivered packages:
7. List all packages that are scheduled for delivery today:
8. List all packages with a specific status:
9. Calculate the total number of packages for each courier.
10. Find the average delivery time for each courier
11. List all packages with a specific weight range:
12. Retrieve employees whose names contain 'John'
13. Retrieve all courier records with payments greater than \$50.

Query:

After inserted

```
-- 1  
select * from User;
```

```
-- 2  
select * from Courier where SenderName ="Karthik Kumar";
```

```
-- 3  
select * from Courier;
```

```
-- 4
select * from Courier where CourierID=1;

-- 5
select * from Courier where CourierID=5;

-- 6
select * from Courier where Status<>'Delivered';

-- 7
select * from Courier where DeliveryDate = CURDATE();

-- 8
select * from Courier where Status='In Transit';

-- 9
select SenderName,count(*)as total from Courier as c group by CourierID;

-- 10
SELECT CourierID, AVG(DATEDIFF(DeliveryDate, NOW())) AS
Avg_Delivery_Time FROM Courier GROUP BY CourierID;

-- 11
select * from Courier where Weight Between 2 and 6;

-- 12
select * from Employee where Name LIKE '%John%';

-- 13
select * from courier join payment where payment.CourierID=courier.courierID having
payment.amount>=50;
```

Result Grid							Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
	UserID	Name	Email	Password	ContactNumber	Address								
▶	1	Divya Nair	divya.nair@email.com	secure123	+919876123450	15, Park Street, Kochi, Kerala								
	2	Manish Sharma	manish.sharma@email.com	pass456	+918765987651	22, MG Road, Jaipur, Rajasthan								
	3	Sneha Kapoor	sneha.kapoor@email.com	strong789	+917654123452	30, Anna Salai, Chennai, Tamil Nadu								
	4	Ravi Singh	ravi.singh@email.com	myPass00	+916543987653	45, Ring Road, Delhi								
	5	Asha Reddy	asha.reddy@email.com	reddy1234	+915432123454	58, Jubilee Hills, Hyderabad, Telangana								
	6	Vikram Menon	vikram.menon@email.com	menon5678	+914321987655	62, Church Street, Bangalore, Karnataka								
	7	Pooja Joshi	pooja.joshi@email.com	joshi9012	+913210123456	70, Mall Road, Shimla, Himachal Pradesh								
	8	Gaurav Patel	gaurav.patel@email.com	patel3456	+912109987657	88, FC Road, Pune, Maharashtra								
	9	Anjali Verma	anjali.verma@email.com	verma7890	+911098123458	95, Park Street, Kolkata, West Bengal								
	10	Karthik Kumar	karthik.kumar@email.com	kumar1111	+919988987659	100, Brigade Road, Bangalore, Karnataka								
*	NULL	NULL	NULL	NULL	NULL	NULL								
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate					
▶	8	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	Divya Nair	15, Park Street, Kochi, Kerala	7.30	Delivered	KA7890123457	2023-12-27					
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL					

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:									
CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate	
1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11	
2	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	Ravi Singh	45, Ring Road, Delhi	6.75	Delivered	DL9876543211	2023-12-13	
3	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	Vikram Menon	62, Church Street, Bangalore, Karnataka	2.20	Pending	KL5678901235	2023-12-16	
4	Vikram Menon	62, Church Street, Bangalore, Karnataka	Pooja Joshi	70, Mall Road, Shimla, Himachal Pradesh	4.00	In Transit	HP1234987651	2023-12-19	
5	Pooja Joshi	70, Mall Road, Shimla, Himachal Pradesh	Gaurav Patel	88, FC Road, Pune, Maharashtra	8.00	Delivered	RJ0987123457	2023-12-21	
6	Gaurav Patel	88, FC Road, Pune, Maharashtra	Anjali Verma	95, Park Street, Kolkata, West Bengal	5.80	Pending	WB6543219871	2023-12-23	
7	Anjali Verma	95, Park Street, Kolkata, West Bengal	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	3.10	In Transit	MH3210987655	2023-12-25	
8	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	Divya Nair	15, Park Street, Kochi, Kerala	7.30	Delivered	KA7890123457	2023-12-27	
9	Manish Sharma	22, MG Road, Jaipur, Rajasthan	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	2.80	Pending	TN1029384757	2023-12-29	
10	Ravi Singh	45, Ring Road, Delhi	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	9.20	In Transit	AP6574839202	2023-12-31	

CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate
1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11


Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:									
CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate	
5	Pooja Joshi	70, Mall Road, Shimla, Himachal Pradesh	Gaurav Patel	88, FC Road, Pune, Maharashtra	8.00	Delivered	RJ0987123457	2023-12-21	

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:									
CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate	
1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11	
3	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	Vikram Menon	62, Church Street, Bangalore, Karnataka	2.20	Pending	KL5678901235	2023-12-16	
4	Vikram Menon	62, Church Street, Bangalore, Karnataka	Pooja Joshi	70, Mall Road, Shimla, Himachal Pradesh	4.00	In Transit	HP1234987651	2023-12-19	
6	Gaurav Patel	88, FC Road, Pune, Maharashtra	Anjali Verma	95, Park Street, Kolkata, West Bengal	5.80	Pending	WB6543219871	2023-12-23	
7	Anjali Verma	95, Park Street, Kolkata, West Bengal	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	3.10	In Transit	MH3210987655	2023-12-25	
9	Manish Sharma	22, MG Road, Jaipur, Rajasthan	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	2.80	Pending	TN1029384757	2023-12-29	
10	Ravi Singh	45, Ring Road, Delhi	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	9.20	In Transit	AP6574839202	2023-12-31	

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1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11	
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10	Ravi Singh	45, Ring Road, Delhi	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	9.20	In Transit	AP6574839202	2023-12-31	

Result Grid Filter Rows: Export: Wrap Cell Content:		
	SenderName	total
▶	Divya Nair	1
	Sneha Kapoor	1
	Asha Reddy	1
	Vikram Menon	1
	Pooja Joshi	1
	Gaurav Patel	1
	Anjali Verma	1
	Karthik Kumar	1
	Manish Sharma	1
	Ravi Singh	1

Result Grid



Filter Rows:

	CourierID	Avg_Delivery_Time
▶	1	-477.0000
	2	-475.0000
	3	-472.0000
	4	-469.0000
	5	-467.0000
	6	-465.0000
	7	-463.0000
	8	-461.0000
	9	-459.0000
	10	-457.0000

Result Grid										Filter Rows:	Edit:	Export/Import:	Wrap Cell Contents:
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate				
▶	1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11				
	3	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	Vikram Menon	62, Church Street, Bangalore, Karnataka	2.20	Pending	KL5678901235	2023-12-16				
	4	Vikram Menon	62, Church Street, Bangalore, Karnataka	Pooja Joshi	70, Mall Road, Shimla, Himachal Pradesh	4.00	In Transit	HP1234987651	2023-12-19				
	6	Gaurav Patel	88, FC Road, Pune, Maharashtra	Anjali Verma	95, Park Street, Kolkata, West Bengal	5.80	Pending	WB6543219871	2023-12-23				
	7	Anjali Verma	95, Park Street, Kolkata, West Bengal	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	3.10	In Transit	MH3210987655	2023-12-25				
	9	Manish Sharma	22, MG Road, Jaipur, Rajasthan	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	2.80	Pending	TN1029384757	2023-12-29				
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL				

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	EmployeeID	Name	Email	ContactNumber	Role	Salary
▶	6	John Doe	rekha.rao@email.com	+914433221111	Accountant	35000.00
✱	NULL	NULL	NULL	NULL	NULL	NULL

Courier Status Report - Q4 2023											Filter Rows:	Edit:	Export/Import:	Wrap Cell Contents:
	CourierID	SenderName	SenderAddress	ReceiverName	ReceiverAddress	Weight	Status	TrackingNumber	DeliveryDate	PaymentID	Cc			
1	Divya Nair	15, Park Street, Kochi, Kerala	Manish Sharma	22, MG Road, Jaipur, Rajasthan	3.50	In Transit	TN1234567891	2023-12-11	1	1				
2	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	Ravi Singh	45, Ring Road, Delhi	6.75	Delivered	DL9876543211	2023-12-13	2	2				
3	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	Vikram Menon	62, Church Street, Bangalore, Karnataka	2.20	Pending	KL5678901235	2023-12-16	3	3				
6	Gaurav Patel	88, FC Road, Pune, Maharashtra	Anjali Verma	95, Park Street, Kolkata, West Bengal	5.80	Pending	WB6543219871	2023-12-23	6	6				
8	Karthik Kumar	100, Brigade Road, Bangalore, Karnataka	Divya Nair	15, Park Street, Kochi, Kerala	7.30	Delivered	KA7890123457	2023-12-27	8	8				
9	Manish Sharma	22, MG Road, Jaipur, Rajasthan	Sneha Kapoor	30, Anna Salai, Chennai, Tamil Nadu	2.80	Pending	TN1029384757	2023-12-29	9	9				
10	Ravi Singh	45, Ring Road, Delhi	Asha Reddy	58, Jubilee Hills, Hyderabad, Telangana	9.20	In Transit	AP6574839202	2023-12-31	10	10				