

SQLQuery1.sql - LAPTOP-2G5S8080\SQL EXPRESS.PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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  - HexawareTraining
  - Payxpert
  - PetPals
    - Database Diag
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    - Synonyms
    - Programmabili
    - Query Store
    - Service Broker
    - Storage
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  - Security

SQLQuery1.sql - LA..NALI RAIKULE (61)) W3\_Practice\_Questi...sql - not connected

```
);  
  
create table adoption_events(  
    event_id int primary key,  
    event_name varchar(100),  
    event_date datetime,  
    event_location varchar(255)  
);  
  
create table participants(  
    participant_id int primary key,  
    participant_name varchar(100),  
    participant_type varchar(50),  
    event_id int,  
    foreign key (event_id) references adoption_events(event_id)  
);
```

109 %

Messages

Commands completed successfully.

Completion time: 2024-09-27T09:35:22.7190015+05:30

109 %

Query executed successfully.

LAPTOP-2G5S8080\SQL EXPRESS... LAPTOP-2G5S8080\MRUNAL... PetPals 00:00:00 | 0 rows

Ready Ln 31 Col 1 Ch 1 INS

SQLQuery1.sql - LAPTOP-2G5S808O\SQLEXPRESS\PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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    - Service Broker

SQLQuery1.sql - LA...NALI RAIKULE (61)) W3\_Practice\_Questi...sql - not connected

```
(11, 'Kitty Haven', 'Shelton', 6),  
(12, 'Ravi Singh', 'Adopter', 6);  
  
select * from pets;
```

109 %

Results Messages

	petid	pet_name	pet_age	pet_breed	pet_type	availableforadoption
1	1	Buddy	3	Golden Retriever	Dog	1
2	2	Michael	2	Siamese	Cat	1
3	3	Kio	5	Beagle	Dog	0
4	4	Luna	1	Maine Coon	Cat	1
5	5	Blackie	4	Bulldog	Dog	1
6	6	Bella	3	Persian	Cat	0
7	7	Fluffy	2	Mini Rex	Rabbit	1
8	8	Squeaky	1	Fancy Rat	Rat	1
9	9	Polly	3	African Gray	Parrot	1
10	10	Zoe	1	Dachshund	Dog	0
11	11	Oliver	2	Ragdoll	Cat	1
12	12	Thumper	4	Holland Lop	Rabbit	1

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNAL... PetPals 00:00:00 12 rows

Ready Ln 114 Col 20 Ch 20 INS

SQLQuery1.sql - LAPTOP-2G5S8080\SQLEXPRESS\PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

- Connect
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      - System Tables
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      - dbo.adoption\_events
      - dbo.donations
      - dbo.participants
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SQLQuery1.sql - LA...NALI RAIKULE (61) W3\_Practice\_Questi...sql - not connected

```
(11, 'Kitty Haven', 'Shelter', 6),  
(12, 'Ravi Singh', 'Adopter', 6);  
  
select * from pets;  
select * from shelters;
```

109 %

Results Messages

	shelter_id	shelter_name	Shelter_location
1	1	Happy Tails Shelter	MG Road, Bengaluru, Karnataka
2	2	Paws and Claws	Rajpath Road, New Delhi, Delhi
3	3	Furry Friends	FC Road, Pune, Maharashtra
4	4	Whiskers Rescue	Anna Salai, Chennai, Tamil Nadu
5	5	Barking Buddies	Park Street, Kolkata, West Bengal
6	6	Kitty Haven	Marine Drive, Mumbai, Maharashtra
7	7	Puppy Pals	Banjara Hills, Hyderabad, Telangana
8	8	Pets Paradise	Law Garden, Ahmedabad, Gujarat
9	9	Furry Paws	Residency Road, Mysuru, Karnataka
10	10	Pawstive Shelter	MG Road, Pune, Maharashtra
11	11	Lucky Paws	Jubilee Hills, Hyderabad, Telangana
12	12	Hope for Paws	Brigade Road, Bengaluru, Karnataka

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNAL... PetPals 00:00:00 12 rows

Ready Ln 115 Col 1 Ch 1 INS

SQLQuery1.sql - LAPTOP-2G5S808O\SQLEXPRESS\PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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SQLQuery1.sql - LA...NALI RAIKULE (61) W3\_Practice\_Questi...sql - not connected

```
(11, 'Kitty Haven', 'Shelter', 6),  
(12, 'Ravi Singh', 'Adopter', 6);  
  
select * from pets;  
select * from shelters;  
select * from donations;
```

109 %

Results Messages

	donation_id	donor_name	donation_type	donation_amount	donation_item	donation_date
1	1	Mrunali Rajkule	Cash	100.00	NULL	2024-09-01 10:30:00.000
2	2	Ankita Raut	Item	NULL	Dog Food	2024-09-02 14:45:00.000
3	3	Mona Ray	Cash	250.00	NULL	2024-09-03 09:15:00.000
4	4	Sarah Tendulkar	Item	NULL	Cat Toys	2024-09-04 12:00:00.000
5	5	Isha Daye	Cash	75.00	NULL	2024-09-05 11:00:00.000
6	6	Ravi Singh	Item	NULL	Rabbit Food	2024-09-06 15:30:00.000
7	7	Mohan Joshi	Cash	150.00	NULL	2024-09-07 09:45:00.000
8	8	Dhruv Rathni	Item	NULL	Rat Cages	2024-09-08 16:00:00.000
9	9	Priya Sharma	Cash	50.00	NULL	2024-09-09 10:15:00.000
10	10	Mira Desai	Item	NULL	Parrot Toys	2024-09-10 13:30:00.000
11	11	Swapnil Kote	Cash	200.00	NULL	2024-09-11 08:45:00.000
12	12	Mati Mary	Item	NULL	Pet Beds	2024-09-12 17:00:00.000

Query executed successfully. LAPTOP-2G5S808O\SQLEXPRESS ... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 12 rows

Ready Ln 117 Col 1 Ch 1 INS



SQLQuery1.sql - LAPTOP-2G5S8080\SQLEXPRESS\PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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    - Service Broker

SQLQuery1.sql - LA...NALI RAIKULE (61) W3\_Practice\_Questi...sql - not connected

```
(11, 'Kitty Haven', 'Shelter', 6),  
(12, 'Ravi Singh', 'Adopter', 6);  
  
select * from pets;  
select * from shelters;  
select * from donations;  
select * from adoption_events;
```

109 %

Results Messages

	event_id	event_name	event_date	event_location
1	1	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
2	2	Paws in the Park	2024-09-20 11:00:00.000	India Gate, New Delhi
3	3	Furry Friends Fest	2024-09-25 09:00:00.000	Kothi Bagh, Srinagar
4	4	Pets Parade	2024-09-30 13:00:00.000	Marine Drive, Mumbai
5	5	Adopt Love Event	2024-10-05 12:00:00.000	Nehru Planetarium, Mumbai
6	6	Puppy Adoption Fair	2024-10-10 10:30:00.000	Sanjay Gandhi National Park, Mumbai
7	7	Kitten Carnival	2024-10-15 14:00:00.000	Brigade Road, Bengaluru
8	8	Rescue Rally	2024-10-20 16:00:00.000	Lodi Gardens, New Delhi
9	9	Adoption Extravaganza	2024-10-25 11:30:00.000	Bal Bhavan, Pune
10	10	Furry Family Fun Day	2024-10-30 10:00:00.000	Jawahar Lal Nehru Stadium, Delhi
11	11	Pet Palooza	2024-11-05 09:30:00.000	Nandi Hills, Karnataka
12	12	Forever Home Fair	2024-11-10 12:30:00.000	Sankey Tank, Bengaluru

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNAL... PetPals 00:00:00 12 rows

Ready Ln 118 Col 1 Ch 1 INS



SQLQuery1.sql - LAPTOP-2G5S808O\SQLEXPRESS\PetPals (LAPTOP-2G5S808O\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

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SQLQuery1.sql - LA...NALI RAJKULE (61) W3\_Practice\_Questi...sql - not connected

```
(11, 'Kitty Haven', 'Shelter', 6),  
(12, 'Ravi Singh', 'Adopter', 6);  
  
select * from pets;  
select * from shelters;  
select * from donations;  
select * from adoption_events;  
select * from participants;
```

109 %

Results Messages

	participant_id	participant_name	participant_type	event_id
1	1	Happy Tails Shelter	Shelter	1
2	2	Mrunali Rajkule	Adopter	1
3	3	Paws and Claws	Shelter	2
4	4	Ankita Raut	Adopter	2
5	5	Furry Friends	Shelter	3
6	6	Mona Ray	Adopter	3
7	7	Whiskers Rescue	Shelter	4
8	8	Sarah Tendulkar	Adopter	4
9	9	Barking Buddies	Shelter	5
10	10	Isha Daye	Adopter	5
11	11	Kitty Haven	Shelter	6
12	12	Ravi Singh	Adopter	6

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS ... LAPTOP-2G5S808O\MRUNAL... PetPals 00:00:00 12 rows

Ready Ln 118 Col 1 Ch 1 INS

SQLQuery1.sql - LAPTOP-2G5S8080\SQLEXPRESS\PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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SQLQuery1.sql - LA...NALI RAIKULE (61) W3\_Practice\_Questi...sql - not connected

```
--5) Write an SQL query that retrieves a list of available pets (those marked as available for adoption)
--from the "Pets" table. Include the pet's name, age, breed, and type in the result set. Ensure that
--the query filters out pets that are not available for adoption.

select pet_name, pet_age, pet_breed, pet_type
from pets
where availableforadoption=1;
```

109 %

Results Messages

	pet_name	pet_age	pet_breed	pet_type
1	Buddy	3	Golden Retriever	Dog
2	Michael	2	Siamese	Cat
3	Luna	1	Maine Coon	Cat
4	Blackie	4	Bulldog	Dog
5	Fluffy	2	Mini Rex	Rabbit
6	Squaky	1	Fancy Rat	Rat
7	Poly	3	African Grey	Parrot
8	Oliver	2	Ragdoll	Cat
9	Thumper	4	Holland Lop	Rabbit

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 9 rows

Ready Ln 129 Col 1 Ch 1 INS

SQLQuery1.sql - LAPTOP-2G5S808O\SQLEXPRESS\PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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    - Views
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SQLQuery1.sql - LA..NALI RAIKULE (61)\* W3\_Practice\_Questi...sql - not connected

```
--6)Write an SQL query that retrieves the names of participants (shelters and adopters) registered
--for a specific adoption event. Use a parameter to specify the event ID. Ensure that the query
--joins the necessary tables to retrieve the participant names and types.

select p.participant_name, p.participant_type
from participants p
inner join adoption_events ae on p.event_id=ae.event_id
where ae.event_id=3;
```

109 %

Results Messages

	participant_id	participant_name	participant_type
1	5	Furry Friends	Shelter
2	6	Mona Ray	Adopter

Query executed successfully. LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 | 2 rows

Ready Ln 136 Col 21 Ch 21 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

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W3\_Practice\_Questi...sql - not connected

```
create procedure shelter_info_updation(
    @shelter_id int,
    @new_name varchar(255),
    @new_location varchar(255)
)
as
begin
    update shelters
    set shelter_name = @new_name,
        shelter_location = @new_location
    where shelter_id = @shelter_id;

    select 'shelter information updated successfully.' as message;
end;

exec shelter_info_updation @shelter_id = 1, @new_name = 'Pets and Paws', @new_location = 'Alandi,Pune,Maharashtra';
```

109 %

Results Messages

message

1	shelter information updated successfully.
---	---

shelter_id	shelter_name	Shelter_location
1	Pets and Paws	Alandi,Pune,Maharashtra
2	Paws and Claws	Rajpath Road, New Delhi, Delhi
3	Furry Friends	FC Road, Pune, Maharashtra
4	Whiskers Rescue	Anna Salai, Chennai, Tamil Nadu
5	Barking Buddies	Park Street, Kolkata, West Bengal

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS ... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 13 rows

Ready Ln 147 Col 3 Ch 3 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

- Connect
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      - dbo.pets
      - dbo.shelters
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    - Service Broker

Petpals\_Coding\_Ch...NALI RAIKULE (61)) W3\_Practice\_Questi...sql - not connected

```
--8)Write an SQL query that calculates and retrieves the total donation amount for each shelter (by
--shelter name) from the "Donations" table. The result should include the shelter name and the
--total donation amount. Ensure that the query handles cases where a shelter has received no donations.

alter table donations
add shelter_id int;

alter table donations
add constraint fk_shelter
foreign key (shelter_id) references shelters(shelter_id);
```

109 %

Messages

Commands completed successfully.

Completion time: 2024-09-27T10:37:10.3619968+05:30

109 %

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 | 0 rows

Ready Ln 169 Col 22 Ch 22 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS, PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

- LAPTOP-2G5S8080\SQLEXPRESS (SQL)
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Petpals\_Coding\_Ch...NALI RAIKULE (61)) W3\_Practice\_Questi...sql - not connected

```
update donations set shelter_id = 1 where donation_id=1 ;

select
    s.shelter_name,
    coalesce(sum(d.donation_amount), 0) as total_donation
from
    shelters s
left join
    donations d on s.shelter_id = d.shelter_id
group by
    s.shelter_id, s.shelter_name
order by
    s.shelter_name;
```

109 %

Results Messages

	shelter_name	total_donation
1	Barking Buddies	0.00
2	Funny Friends	50.00
3	Funny Paws	0.00
4	Hope for Paws	0.00
5	Kitty Haven	0.00
6	Lucky Paws	0.00
7	Paws and Claws	0.00
8	Pawsitive Shelter	0.00
9	Pets and Paws	775.00
10	Pets Paradise	0.00
11	Puovv Pals	0.00

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNAL... PetPals 00:00:00 12 rows

Ready Ln 195 Col 20 Ch 20 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect New Query Execute

Object Explorer

- Connect
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Petpals\_Coding\_Ch...NALI RAJKULE (61)) W3\_Practice\_Questi...sql - not connected

```
update pets set owner_id=2 where petid=2;
update pets set owner_id=1 where petid=3;
update pets set owner_id=3 where petid=5;

select
    pet_name,
    pet_age,
    pet_breed,
    pet_type
from
    pets
where
    owner_id is null;
```

109 %

Results Messages

	pet_name	pet_age	pet_breed	pet_type
1	Buddy	3	Golden Retriever	Dog
2	Luna	1	Maine Coon	Cat
3	Bella	3	Persian	Cat
4	Fluffy	2	Mini Rex	Rabbit
5	Squasky	1	Fancy Rat	Rat
6	Poly	3	African Grey	Parrot
7	Zoe	1	Dachshund	Dog
8	Oliver	2	Ragdoll	Cat
9	Thumper	4	Holland Lop	Rabbit

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 9 rows

Matches: (

Ln 223 Col 1 Ch 1 INS



Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

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Petpals\_Coding\_Ch...NALI RAJKULE (61)) W3\_Practice\_Questi...sql - not connected

```
--10)Write an SQL query that retrieves the total donation amount for each month and year (e.g.,  
--January 2023) from the "Donations" table. The result should include the month-year and the  
--corresponding total donation amount. Ensure that the query handles cases where no donations  
--were made in a specific month-year.  
  
select  
    format(donation_date, 'MMMM yyyy') as month_year,  
    sum(coalesce(donation_amount, 0)) as total_donation_amount  
from  
    donations  
group by  
    format(donation_date, 'MMMM yyyy'),  
    year(donation_date),  
    month(donation_date)  
order by  
    year(donation_date),  
    month(donation_date);
```

100 %

Results Messages

	month_year	total_donation_amount
1	September 2024	825.00

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 1 rows

Ready Ln 242 Col 6 Ch 6 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS,PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

- Connect
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      - dbo.adoption\_events
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      - dbo.participants
      - dbo.pets
      - dbo.shelters
    - Views
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    - Synonyms
    - Programmability
    - Query Store
    - Service Broker

W3\_Practice\_Questi...sql - not connected

```
--11)11. Retrieve a list of distinct breeds for all pets that are either aged between 1 and 3 years or older  
--than 5 years  
  
select DISTINCT pet_breed  
from pets  
where (pet_age BETWEEN 1 AND 3) OR (pet_age > 5);
```

109 %

Results Messages

	pet_breed
1	African Grey
2	Dachshund
3	Fancy Rat
4	Golden Retriever
5	Mane Coon
6	Mini Rex
7	Persian
8	Ragdoll
9	Siamese

Query executed successfully. LAPTOP-2G5S8080\SQLEXPRESS... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 9 rows

Ready Ln 237 Col 10 Ch 10 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS, PetPals (LAPTOP-2G5S8080\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect

LAPTOP-2G5S8080\SQLEXPRESS (SQL)

Databases

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    - dbo.adoption\_events
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    - dbo.participants
    - dbo.pets
    - dbo.shelters
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Query Store
  - Service Broker

W3\_Practice\_Questi...sql - not connected

```
--12)Retrieve a list of pets and their respective shelters where the pets are currently available for
--adoption.
select
    p.petid,
    p.pet_name as pet_name,
    s.shelter_name,
    s.shelter_location
from
    pets p
join
    shelters s on p.shelter_id = s.shelter_id
where
    p.availableforadoption = 1;
```

109 %

Results Messages

	petid	pet_name	shelter_name	shelter_location
1	1	Buddy	Paws and Claws	Rajpath Road, New Delhi, Delhi
2	2	Michael	Lucky Paws	Jubilee Hills, Hyderabad, Telangana
3	4	Luna	Furry Paws	Residency Road, Mysuru, Karnataka
4	5	Blackie	Kitty Haven	Marine Drive, Mumbai, Maharashtra
5	7	Fluffy	Whiskers Res.	Anna Salai, Chennai, Tamil Nadu
6	8	Squeaky	Furry Friends	FC Road, Pune, Maharashtra
7	9	Polly	Pets and Paws	Alandi, Pune, Maharashtra

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNALI ... PetPals 00:00:00 7 rows

Ready Ln 268 Col 11 Ch 11 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

- Connect
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Query Editor

```
select * from shelters;

--13) Find the total number of participants in events organized by shelters located in specific city.
--Example: City=Chennai

--Executing query with location city= Mumbai
SELECT COUNT(p.participant_id) AS total_participants
FROM participants p
JOIN adoption_events ae ON ae.event_id = p.event_id
WHERE ae.event_location like '%Mumbai%';
```

100 %

Results Messages

	total_participants
1	6

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS ... LAPTOP-2G5S808O\MRUNALI ... PetPals 00:00:00 1 rows

Ready Ln 255 Col 41 Ch 41 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS, PetPals (LAPTOP-2G5S8080\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect New Query Execute

Object Explorer

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      - dbo.pets
      - dbo.shelters
    - Views
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Petpals\_Coding\_Ch...NALI RAJKULE (61) W3\_Practice\_Questi...sql - not connected

```
--14)Retrieve a list of unique breeds for pets with ages between 1 and 5 years.  
select distinct pet_breed  
from pets  
where pet_age BETWEEN 1 AND 5;
```

100 %

Results Messages

	pet_breed
1	African Grey
2	Beagle
3	Bulldog
4	Dachshund
5	Fancy Rat
6	Golden Retriever
7	Holland Lop
8	Maine Coon
9	Mini Rex
10	Persian
11	Ragdoll
12	Siamese

Query executed successfully. LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 12 rows

Ready Ln 266 Col 1 Ch 1 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS:PetPals (LAPTOP-2G5S8080\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

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        - Graph Tables
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        - dbo.participants
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        - dbo.shelters
      - Views
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Query Editor

--15) Find the pets that have not been adopted by selecting their information from the 'Pet' table.

```
--select * from pets
where owner_id is Null;
```

100 %

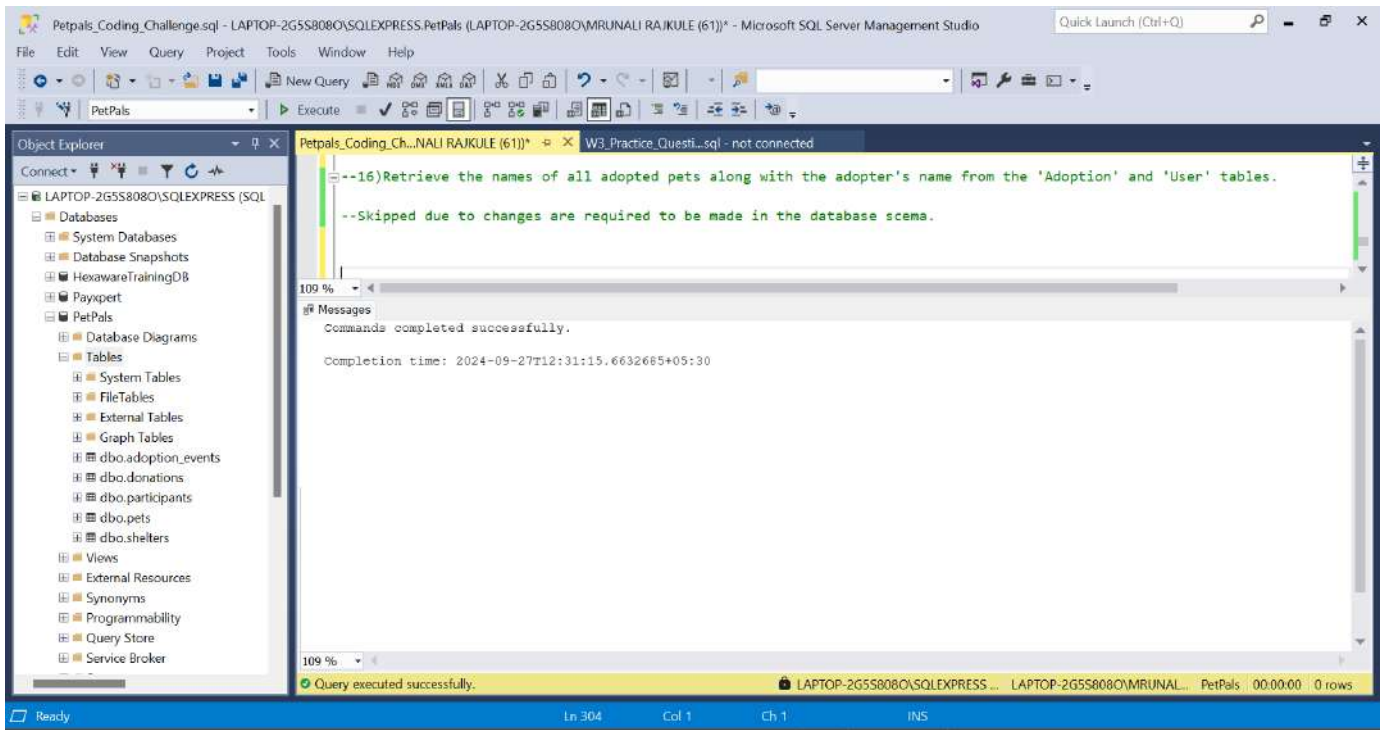
Results Messages

	petid	pet_name	pet_age	pet_breed	pet_type	availableforadoption	owner_id
1	1	Buddy	3	Golden Retriever	Dog	1	NULL
2	4	Luna	1	Maine Coon	Cat	1	NULL
3	6	Bella	3	Persian	Cat	0	NULL
4	7	Fluffy	2	Mini Rex	Rabbit	1	NULL
5	8	Squeaky	1	Fancy Rat	Rat	1	NULL
6	9	Polly	3	African Grey	Parrot	1	NULL
7	10	Zoe	1	Dachshund	Dog	0	NULL
8	11	Oliver	2	Ragdoll	Cat	1	NULL
9	12	Thumper	4	Holland Lop	Rabbit	1	NULL

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 9 rows

Ready Ln 275 Col 24 Ch 24 INS





Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS, PetPals (LAPTOP-2G5S808O\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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  - Service Broker

Petpals\_Coding\_Ch...NALI RAIKULE (61)) W3\_Practice\_Questi...sql - not connected

```
--17)Retrieve a list of all shelters along with the count of pets currently available for adoption in each shelter.  
--Pets table requires to be altered  
alter table pets  
add shelter_id int;  
  
update pets set shelter_id = 2 where petid =10;  
update pets set shelter_id = 1 where petid =9;  
update pets set shelter_id = 3 where petid =8;  
update pets set shelter_id = 4 where petid =7;  
update pets set shelter_id = 5 where petid =6;  
update pets set shelter_id = 6 where petid =5;  
update pets set shelter_id = 9 where petid =4;  
update pets set shelter_id = 10 where petid =3;  
update pets set shelter_id = 11 where petid =2;
```

109 %

Messages

(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)

109 %

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS... LAPTOP-2G5S808O\MRUNALI... PetPals 00:00:00 0 rows

Ready Ln 296 Col 1 Ch 1 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS, PetPals (LAPTOP-2G5S8080\MRUNALI RAIKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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Petpals\_Coding\_Ch...NALI RAIKULE (61)) W3.Practice.Questi...sql - not connected

```
--18)Find pairs of pets from the same shelter that have the same breed.

select
    p1.petid as pet1_id,
    p1.pet_name as pet1_name,
    p2.petid as pet2_id,
    p2.pet_name as pet2_name,
    p1.pet_breed,
    p1.shelter_id
from
    pets p1
join
    pets p2 on p1.shelter_id = p2.shelter_id
            and p1.pet_breed = p2.pet_breed
            and p1.petid < p2.petid;
```

100 %

Results Messages

pet1_id	pet1_name	pet2_id	pet2_name	pet_breed	shelter_id
---------	-----------	---------	-----------	-----------	------------

Query executed successfully. LAPTOP-2G5S8080\SQLEXPRESS... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 0 rows

Ready Ln 319 Col 12 Ch 12 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS:PetPals (LAPTOP-2G5S8080\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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    - Views
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    - Query Store
    - Service Broker

W3\_Practice\_Questi...sql - not connected

```
--19)List all possible combinations of shelters and adoption events.
select
    s.shelter_name,
    e.event_name,
    e.event_date,
    e.event_location as event_location
from
    shelters s
cross join
    adoption_events e;
```

100 %

Results Messages

	shelter_name	event_name	event_date	event_location
1	Pets and Paws	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
2	Paws and Claws	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
3	Furry Friends	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
4	Whiskers Rescue	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
5	Barking Buddies	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
6	Kitty Haven	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
7	Puppy Pals	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
8	Pets Paradise	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
9	Furry Paws	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
10	Pawsitive Shelter	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
11	Lucky Paws	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
12	Hope for Paws	Adopt-a-Pet Day	2024-09-15 10:00:00.000	Osho Garden, Pune
13	Pets and Paws	Paws in the Park	2024-09-20 11:00:00.000	India Gate, New D...

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS ... LAPTOP-2G5S8080\MRUNALI ... PetPals 00:00:00 | 144 rows

Ready Ln:330 Col:39 Ch:39 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S808O\SQLEXPRESS:PetPals (LAPTOP-2G5S808O\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect PetPals Execute

Object Explorer

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    - Query Store
    - Service Broker

Petpals\_Coding\_Ch...NALI RAJKULE (61)) W3\_Practice\_Questi...sql - not connected

```
--19)List all possible combinations of shelters and adoption events.
select
    s.shelter_name,
    e.event_name,
    e.event_date,
    e.event_location as event_location
from
    shelters s
cross join
    adoption_events e;
```

100 %

Results Messages

	shelter_name	event_name	event_date	event_location
132	Hope for Paws	Pet Palooza	2024-11-05 09:30:00.000	Nandi Hills, Karnat...
133	Pets and Paws	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
134	Paws and Claws	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
135	Furry Friends	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
136	Whiskers Rescue	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
137	Barking Buddies	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
138	Kitty Haven	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
139	Puppy Pals	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
140	Pets Paradise	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
141	Furry Paws	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
142	Pawsitive Shelter	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
143	Lucky Paws	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...
144	Hope for Paws	Forever Home ...	2024-11-10 12:30:00.000	Sankey Tank, Ben...

Query executed successfully.

LAPTOP-2G5S808O\SQLEXPRESS ... LAPTOP-2G5S808O\MRUNALI ... PetPals 00:00:00 | 144 rows

Ready Ln:330 Col:39 Ch:39 INS

Petpals\_Coding\_Challenge.sql - LAPTOP-2G5S8080\SQLEXPRESS, PetPals (LAPTOP-2G5S8080\MRUNALI RAJKULE (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect New Query Execute

Object Explorer

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    - Query Store
    - Service Broker

Petpals\_Coding\_Ch...NALI RAJKULE (61) W3\_Practice\_Questi...sql - not connected

```
update shelters set pets_available_for_adoption=2 where shelter_id=1;
update shelters set pets_available_for_adoption=5 where shelter_id=2;
update shelters set pets_available_for_adoption=7 where shelter_id=3;
update shelters set pets_available_for_adoption=3 where shelter_id=4;
update shelters set pets_available_for_adoption=1 where shelter_id=5;
update shelters set pets_available_for_adoption=10 where shelter_id=6;
update shelters set pets_available_for_adoption=9 where shelter_id=7;
update shelters set pets_available_for_adoption=7 where shelter_id=8;
update shelters set pets_available_for_adoption=2 where shelter_id=9;
update shelters set pets_available_for_adoption=3 where shelter_id=10;
update shelters set pets_available_for_adoption=2 where shelter_id=11;
update shelters set pets_available_for_adoption=5 where shelter_id=12;
--20)Determine the shelter that has the highest number of adopted pets.
select shelter_id, shelter_name, shelter_location ,pets_available_for_adoption
from shelters
where pets_available_for_adoption=
(select MAX(pets_available_for_adoption)
from shelters)
```

109 %

Results Messages

shelter_id	shelter_name	shelter_location	pets_available_for_adoption
6	Kitty Haven	Marine Drive, Mumbai, Maharashtra	10

Query executed successfully.

LAPTOP-2G5S8080\SQLEXPRESS... LAPTOP-2G5S8080\MRUNALI... PetPals 00:00:00 1 rows

Matches: Ln 359 Col 73 Ch 73 INS