

Assignment

<u>PET ID</u>	<u>PET NAME</u>	<u>PET TYPE</u>	<u>PET AGE</u>	<u>OWNER</u>	<u>VISIT DATE</u>	<u>PROCEDURE</u>
246	ROVER	DOG	12	SAM COOK	JAN 13/2002	01 - RABIES VACCINATION
					MAR 27/2002	10 - EXAMINE and TREAT WOUND
					APR 02/2002	05 - HEART WORM TEST
298	SPOT	DOG	2	TERRY KIM	JAN 21/2002	08 - TETANUS VACCINATION
					MAR 10/2002	05 - HEART WORM TEST
341	MORRIS	CAT	4	SAM COOK	JAN 23/2001	01 - RABIES VACCINATION
					JAN 13/2002	01 - RABIES VACCINATION
519	TWEEDY	BIRD	2	TERRY KIM	APR 30/2002	20 - ANNUAL CHECK UP
					APR 30/2002	12 - EYE WASH

Pet Id	Pet name	Pet type	Pet age	owner	Visit date	Procedure id	procedure
246	Rover	Dog	12	Sam cook	Jan13/2002	01	Rabies vaccination
246	Rover	Dog	12	Sam cook	Mar 27/2002	10	EXAMINE and TREAT WOUND
246	Rover	Dog	12	Sam cook	Apr 02/2002	05	Heart worm test
298	Spot	Dog	2	Terry kim	Jan 21/2002	08	Tetanus vaccination
298	Spot	Dog	2	Terry kim	Mar 10/2002	05	Heart worm test

341	Morris	cat	4	Sam cook	Jan 23/2001	01	Rabies vaccination
341	Morris	cat	4	Sam cook	Jan 13/2002	01	Rabies vaccination
519	Tweedy	Bird	2	Terry kim	Apr 30/2002	20	Annual checkup
519	Tweedy	Bird	2	Terry kim	Apr 30/2002	12	Eye wash

1NF : It contains atomic value.

Pet table

Pet id	Pet name	Pet type	Pet age	owner
246	rover	dog	12	Sam cook
246	rover	dog	12	Sam cook
246	rover	dog	12	Sam cook
298	spot	dog	2	Terry kim
298	spot	dog	2	Terry kim
341	morris	cat	4	Sam cook
341	morris	cat	4	Sam cook
519	tweedy	bird	2	Terry kim
519	tweedy	bird	2	Terry kim

Visit

Pet id	Visit date	Procedure id	procedure
246	Jan 13/2002	01	Rabies vaccination
246	Mar 27/2002	10	Examine and treat
246	Apr 2/2002	05	Heart worm test
298	Jan 21/2002	08	Tetanu vaccination
298	Mar 10/2002	05	Heart worm test
341	Jan 23/2001	01	Rabies vaccination
341	Jan 13/2002	01	Rabies vaccination

519	Apr 30/2002	20	Annual checkup
519	Apr 30/2002	12	Eye wash

2NF

Pet table

Pet id	Pet name	Pet type	Pet age	owner
246	rover	dog	12	Sam cook
246	rover	dog	12	Sam cook
246	rover	dog	12	Sam cook
298	spot	dog	2	Terry kim
298	spot	dog	2	Terry kim
341	morris	cat	4	Sam cook
341	morris	cat	4	Sam cook
519	tweedy	bird	2	Terry kim
519	tweedy	bird	2	Terry kim

Visit

Pet id	Visit date	Procedure id
246	Jan 13/2002	01
246	Mar 27/2002	10
246	Apr 2/2002	05
298	Jan 21/2002	08
298	Mar 10/2002	05
341	Jan 23/2001	01
341	Jan 13/2002	01
519	Apr 30/2002	20
519	Apr 30/2002	12

Procedure

Procedure id	procedure
01	Rabies vaccination
10	Examine and treat

05	Heart worm test
08	Tetanu vaccination
05	Heart worm test
01	Rabies vaccination
01	Rabies vaccination
20	Annual checkup
12	Eye wash

3NF

Petid->owner

Pet id	owner
246	Sam cook
246	Sam cook
246	Sam cook
298	Terry kim
298	Terry kim
341	Sam cook
341	Sam cook
519	Terry kim
519	Terry kim

Procedure

Procedure id	procedure
01	Rabies vaccination
10	Examine and treat
05	Heart worm test
08	Tetanu vaccination
05	Heart worm test
01	Rabies vaccination

01	Rabies vaccination
20	Annual checkup
12	Eye wash

Visit

Pet id	Visit date	Procedure id
246	Jan 13/2002	01
246	Mar 27/2002	10
246	Apr 2/2002	05
298	Jan 21/2002	08
298	Mar 10/2002	05
341	Jan 23/2001	01
341	Jan 13/2002	01
519	Apr 30/2002	20
519	Apr 30/2002	12