

# SELECT TEST CASE

## PROJECT 3

RELATION

ALPHA

	CAT	FISH	DOG	BUNNY
1	1	2	1	2
2	3	4	3	4
3	5	6	5	6

SELECTS ROWS THAT MEET  
THE QUERY PARAMETERS.

⊗

TEST 1

QUERY: ~~SELECT~~ ~~ALPHA~~ ~~SCHEMEL~~ (CAT, FISH, DOG, BUNNY)  
ALPHA (X, X, X, 1)

ALPHA

RESULT EXPECTED: NO MATCHES.

CAT FISH DOG BUNNY  
- - - -

TEST 2

QUERY ALPHA (X, X, X, 2)

ALPHA

EXPECTED RESULT: TUPLE 1.

CAT FISH DOG BUNNY  
1 2 1 2

ize()); i++){

## RENAME TEST CASE

Project 3

### RELATION

ALPHA

CAT FISH DOG BUNNY

1 2 1 2

3 4 3 4

5 6 5 6

EXPECTED CHANGE

ATTRIBUTE NAMES  
TO MATCH QUERY

### TEST 1

QUERY ALPHA (CAT, FISH, DOG, HORSE)

ALPHA

CAT FISH DOG HORSE

1 2 1 2

3 4 3 4

5 6 5 6

### TEST 2

QUERY ALPHA (DOG, KITTEN, SHARK, HORSE)

DOG KITTEN SHARK HORSE

1 2 1 2

3 4 3 4

5 6 5 6



# PROJECT TEST CASE

Project 3

## ① BETA Relation

SELECT ONLY COLUMNS THAT CORRESPOND TO THE PROJECT CASE. IF A CONSTANT IGNORE IF A VARIABLE STATE VARIABLE NAME AND WHICH VALUE. GET CORRECT TUPLES.

BETA.

CAT	DOG
1	2
3	4

## ② DELTA Relation

DELTA

FISH	DOG
1	2
3	4

## ③ ALPHA2

DOG	CAT
2	2
4	3

ALPHA

CAT	DOG	FISH
1	2	1
3	4	3

BETA

CAT	DOG
1	2
3	4

PROJECT(CAT, DOG)

DELTA → PROJECT(FISH, DOG)