**data** a;

input x$ y;

cards;

A 1

B 2

;

**run**;

**data** b;

input x$ v;

cards;

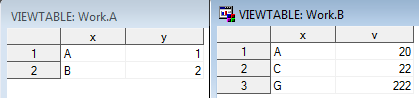
A 20

C 22

G 222

;

**run**;



select \*

from a,b

where a.x=b.x

;



select \*

from a,b

where a.x>b.x

;



select \*

from a

left join b on a.x=b.x

;



select \*

from a

right join b on a.x=b.x

;



select \*

from a

join b on a.x=b.x

;



select \*

from a

inner join b on a.x=b.x

;



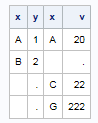
\* inner join = join;

select \*

from a

full join b on a.x=b.x

;



**data** a;

input x$ y;

cards;

A 1

B 2

C 3

;

**data** b;

input x$ u;

cards;

B 20

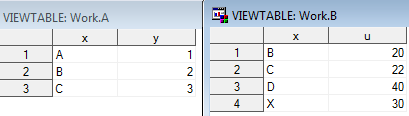
C 22

D 40

X 30

;

**run**;

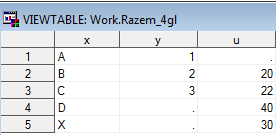


**data** razem\_4gl;

merge a b;

by x;

**run**;



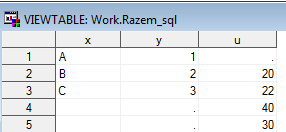
create table razem\_sql as

select \*

from a

full join b on a.x=b.x

;



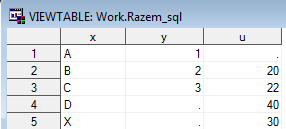
create table razem\_sql as

select coalesce(a.x,b.x) as x,y,u

from a

full join b on a.x=b.x

;



**data** a;

input x $ y;

cards;

A 1

B 2

X 3

D 4

B 2

;

**data** b;

input x$ y;

cards;

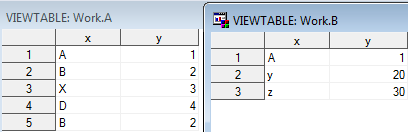
A 1

y 20

z 30

;

**run**;



select \*

from a

except

select \*

from b

;

****

select \*

from a

except all

select \*

from b

;

****

**data** a;

input x $ y;

cards;

A 1

B 2

X 3

D 4

B 2

Z 30

;

**data** b;

input x$ y;

cards;

A 1

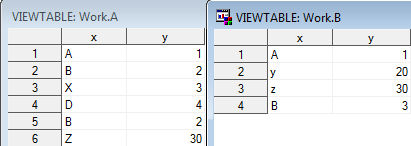
y 20

z 30

B 3

;

**run**;

****

select x

from a

except

select x

from b

;

****

select x

from a

intersect

select x

from b

;

****

select x

from a

union

select x

from b

;

****

select \*

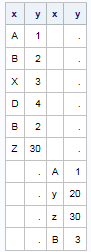
from a

outer union

select \*

from b

;

****

select x

from a

outer union

select x

from b

;

****

**data** a;

input xx $ yy;

cards;

A 1

B 2

X 3

D 4

B 2

Z 30

;

**data** b;

input x$ y;

cards;

A 1

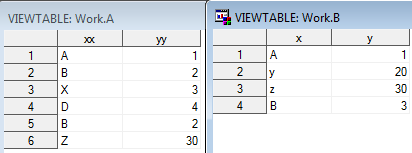
y 20

z 30

B 3

;

**run**;

****

select \*

from a

intersect

select \*

from b

;

****

**data** b;

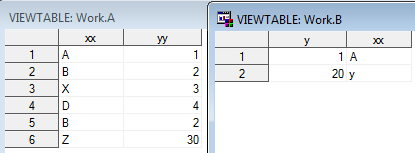
input y xx$ ;

cards;

1 A

20 y

;

****

select \*

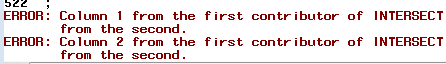
from a

intersect

select \*

from b

;

****

**data** a;

input x $ yy;

cards;

A 1

B 2

X 3

D 4

B 2

Z 30

;

**run**;

**data** b;

input x$ y;

cards;

A 1

y 20

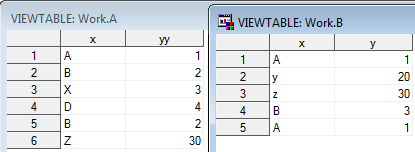
z 30

B 3

A 1

;

**run**;

****

select \*

from a

intersect

select \*

from b;

****

select \*

from a

intersect corr

select \*

from b

;

****