

Kun Shan

Worksheet Query Builder

-- Kun Shan

-- i
select sum(TIMETOFEED) from ANIMAL where ACATEGORY = 'rare';

-- ii
select AID, ANAME from ANIMAL
where TIMETOFEED > all
(select TIMETOFEED from ANIMAL where ACATEGORY = 'rare');

-- iii

Query Result x

SQL | All Rows Fetched: 1 in 0.039 seconds

SUM(TIMETOFEED)
6

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select sum(TIMETOFEED) from ANIMAL where ACA...	CSC453	23-JAN-...	SQL	1	0.039
select * from (select VID from RATING left out...	CSC453	16-JAN-...	SQL	2	0.02
select max(avgI) - max(avgC) diff from (select avg...	CSC453	16-JAN-...	SQL	1	0.024
select NAME, diff rating_spread from RESTAURAN...	CSC453	16-JAN-...	SQL	1	0.423
select NAME, stars from RESTAURANT left outer j...	CSC453	16-JAN-...	SQL	1	0.04
select FNAME, LNAME, ADDRESS from EMPLOYEE w...	CSC453	16-JAN-...	SQL	1	0.027

Worksheet Query Builder

-- ii
select AID, ANAME from ANIMAL
where TIMETOFEED > all
(select TIMETOFEED from ANIMAL where ACATEGORY = 'rare');

-- iii
select ZNAME from
(select ZID, ZNAME, ANIMALID from ZOOKEEPER
left outer join HANDLES on ZOOKEEPER.ZID = HANDLES.ZOOKEEPID)
group by ZNAME having (count(ZNAME))>=4;

Query Result x

SQL | All Rows Fetched: 0 in 0.025 seconds

AID	ANAME
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SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select AID, ANAME from ANIMAL where TIMETOFE...	CSC453	23-JAN-...	SQL	1	0.025
select sum(TIMETOFEED) from ANIMAL where ACA...	CSC453	23-JAN-...	SQL	1	0.039
select * from (select VID from RATING left out...	CSC453	16-JAN-...	SQL	2	0.02
select max(avgI) - max(avgC) diff from (select avg...	CSC453	16-JAN-...	SQL	1	0.024
select NAME, diff rating_spread from RESTAURAN...	CSC453	16-JAN-...	SQL	1	0.423
select NAME, stars from RESTAURANT left outer j...	CSC453	16-JAN-...	SQL	1	0.04

Worksheet Query Builder

```
-- iii
select ZNAME from
(select ZID,ZNAME,ANIMALID from ZOOKEEPER
left outer join HANDLES on ZOOKEEPER.ZID = HANDLES.ZOOKEEPID)
group by ZNAME having (count(ZNAME)>=4);

-- iv
select ANAME from ANIMAL where ANAME not like '%bear%';

-- v
select ZNAME from
```

Query Result x

SQL | All Rows Fetched: 1 in 0.022 seconds

ZNAME
1 Rob Schneider

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select ZNAME from (select ZID,ZNAME,ANIMALID fr...	CSC453	23-JAN-...	SQL	1	0.022
select AID,ANAME from ANIMAL where TIMETOF...	CSC453	23-JAN-...	SQL	1	0.025
select sum(TIMETOFEED) from ANIMAL where ACA...	CSC453	23-JAN-...	SQL	1	0.039
select * from (select VID from RATING left out...	CSC453	16-JAN-...	SQL	2	0.02
select max(avgI) - max(avgC) diff from (select avg...	CSC453	16-JAN-...	SQL	1	0.024
select NAME, diff rating spread from RESTAURAN...	CSC453	16-JAN-...	SQL	1	0.423

Worksheet Query Builder

```
-- iv
select ANAME from ANIMAL where ANAME not like '%bear%';

-- v
select ZNAME from
(select ZNAME,sum(TIMETOFEED)*HOURLYRATE,salary from
(select ZNAME,TIMETOFEED,HOURLYRATE from HANDLES
left outer join ANIMAL on HANDLES.ANIMALID = ANIMAL.AID
left outer join ZOOKEEPER on HANDLES.ZOOKEEPID = ZOOKEEPER.ZID)
group by ZNAME, HOURLYRATE order by salary desc)
where ROWNUM = 1;
```

Query Result x

SQL | All Rows Fetched: 7 in 0.018 seconds

ANAME
1 Galapagos Penguin
2 Emperor Penguin
3 Siberian tiger
4 Bengal tiger
5 South China tiger
6 Alpaca
7 Llama

SQL History

SQL	Connect...	TimeSt...	Type	Executed	Duratio...
select ANAME from ANIMAL where ANAME not like...	CSC453	23-JAN-...	SQL	1	0.018
select ZNAME from (select ZID,ZNAME,ANIMALID fr...	CSC453	23-JAN-...	SQL	1	0.022
select AID,ANAME from ANIMAL where TIMETOF...	CSC453	23-JAN-...	SQL	1	0.025
select sum(TIMETOFEED) from ANIMAL where ACA...	CSC453	23-JAN-...	SQL	1	0.039
select * from (select VID from RATING left out...	CSC453	16-JAN-...	SQL	2	0.02
select max(avgI) - max(avgC) diff from (select avq...	CSC453	16-JAN-...	SQL	1	0.024

