

Week 9 Exercises

Each question comes with the results of the correct query. Use those results to see whether your query is correct. Table headings are not shown.

Part 1. Child Care.

Answer the following questions using the “child_care” database on the database server for exercises 1-6. This database lists 929 child-care centres in Toronto as of September 2010. (This is real data from Toronto’s Open Data project.)

What are the top ten wards by the total number of toddler spaces? (List the ward numbers together with the total number of toddler spaces in each of them.)

```
select ward, sum(toddler_spaces)
from centres
group by ward
order by sum(toddler_spaces) desc
limit 10;
```

20	402
28	290
13	269
16	205
27	203
5	200
38	200
8	200
10	199
22	197

In which wards do toddler spaces available in centres run by commercial agencies account for more than a quarter of all spaces in such centres? List the ward numbers sorted by the ratio of toddler spaces to all spaces in commercial centers, in descending order.

```
select ward
from centres
where auspice="Commercial Agency"
group by ward
having sum(toddler_spaces) > sum(total_spaces) *.25
order by sum(toddler_spaces) / sum(total_spaces) desc;
```

28
13
20
27

Part 2. Diveshop.

Answer the following questions using the “diveshop” database.

Watanabe	45.72
Descanso Bay	27.432
Mohawk	24.384