CIS4301 Notes:

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March 12, 2014

1 Olympic Queries

```sql
-- Query 1
SELECT athlete
FROM Olympics
GROUP BY athlete
ORDER BY sum(total_medals) desc -- athlete with most medals at the top
LIMIT 1;                        -- only keey the top result

-- Query 2
SELECT athlete, sum(total_medals) as medals_won -- sum up all medals
FROM Olympics
GROUP BY athlete;                                   -- per athlete

-- Query 3
SELECT DISTINCT athlete -- don't repeat an athlete name
FROM Olympics
WHERE total_medals > 0   -- won at least 1 medal
  AND YEAR > 2010        --
  AND athlete IS NOT NULL; -- filter out NULL athletes
```