

### Query Writing Questions

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|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Write a query which shows the names of trainees along with their start date in the current month | 2. Write a query which shows the average score for each course_id. Round the averages to zero decimal places and order by the average score. |
| 3. Display the name of the trainee(s) who have been in the academy the longest                      | 4. Write a query which displays the name, start_date and academy_id of the longest serving trainer in each academy.                          |

### Query Reading Questions

#### Query Reading Question 1

```
SELECT t.name,
       c.name,
       er.score
FROM   trainees t
       LEFT OUTER JOIN
       exam_results er
ON     er.trainee_id = t.trainee_id
       LEFT OUTER JOIN
       courses c
ON     c.course_id = er.course_id
;
```

#### Query Reading Question 2

```
SELECT      trainer_id,
            COUNT(course_id)
FROM        trainers_courses tc
GROUP BY    trainer_id
HAVING      COUNT(course_id) >= 4
;
```

#### Query Reading Question 3

```
SELECT MAX(duration_weeks)
FROM   streams

UNION

SELECT MIN(duration_weeks)
FROM   streams;
```

#### Query Reading Question 4

```
SELECT      MAX(count)
FROM
(
  SELECT      er.trainee_id,
              COUNT(er.score) AS count
  FROM        exam_results er
  WHERE       er.score IS NOT NULL
  GROUP BY    er.trainee_id
);
```

