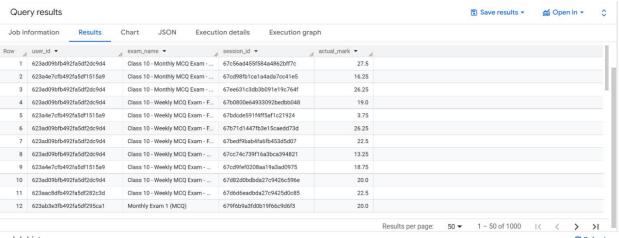
```
SELECT
es.user_id,
e.exam_name,
es.session_id,
(es.total_correct_answers * e.each_ques_mark) - (es.total_false_answers *
e.per_ques_negative_marking) AS actual_mark
FROM
`ms-464509.10ms.exam` AS e

JOIN
    `ms-464509.10ms.exam_session` AS es

ON
    es.exam_id = e.exam_id

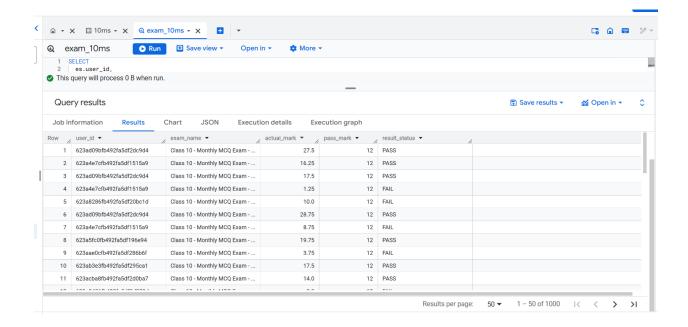
LIMIT

1000
```

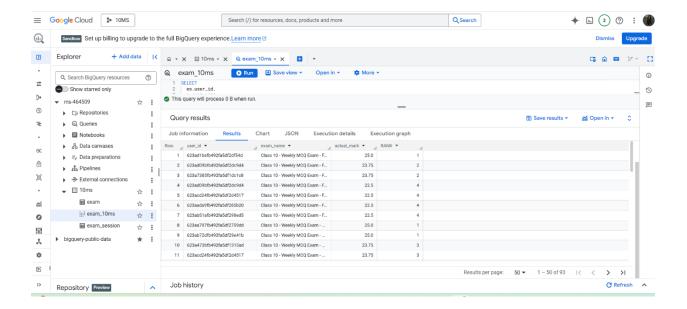


• • • •

```
SELECT
es.user_id,
e.exam_name,
(es.total_correct_answers * e.each_ques_mark) - (es.total_false_answers *
e.per_ques_negative_marking) AS actual_mark,
e.pass_mark,
CASE
WHEN ((es.total_correct_answers * e.each_ques_mark) - (es.total_false_answers *
e.per_ques_negative_marking)) >= e.pass_mark THEN 'PASS'
ELSE 'FAIL'
END
AS result_status
FROM
`ms-464509.10ms.exam` AS e
JOIN
`ms-464509.10ms.exam_session` AS es
ON
es.exam_id = e.exam_id
LIMIT
1000;
```



```
SELECT
es.user_id,
e.exam_name,
                                   e.each_ques_mark) -
                                                                 (es.total_false_answers
(es.total_correct_answers
e.per_ques_negative_marking) AS actual_mark,
RANK() OVER (PARTITION BY es.exam_id ORDER BY (es.total_correct_answers * e.each_ques_mark) -
(es.total_false_answers * e.per_ques_negative_marking) DESC) AS RANK
FROM
`ms-464509.10ms.exam` AS e
JOIN
'ms-464509.10ms.exam session' AS es
ON
es.exam_id = e.exam_id
QUALIFY
RANK <= 5;
```



```
SELECT
es.user id,
e.exam name,
(es.total_correct_answers * e.each_ques_mark) - (es.total_false_answers *
e.per_ques_negative_marking) AS actual_mark,
es.user exam ends at,
LAG(((es.total_correct_answers * e.each_ques_mark) - (es.total_false_answers *
 e.per_ques_negative_marking))) OVER (PARTITION BY es.user_id ORDER BY es.user_exam_starts_at)
AS previous actual mark,
CASE
 WHEN LAG(((es.total correct answers * e.each ques mark) - (es.total false answers *
 e.per ques negative marking))) OVER (PARTITION BY es.user id ORDER BY es.user exam starts at) IS
 NULL THEN NULL
   WHEN
            ((es.total correct answers
                                             e.each ques mark)
                                                                      (es.total false answers
 e.per_ques_negative_marking)) > LAG(((es.total_correct_answers))
                                                                          e.each ques mark)
 (es.total_false_answers * e.per_ques_negative_marking))) OVER (PARTITION BY es.user_id ORDER BY
 es.user exam starts at) THEN 'Improved'
```

WHEN ((es.total\_correct\_answers \* e.each\_ques\_mark) - (es.total\_false\_answers \* e.per\_ques\_negative\_marking)) < LAG(((es.total\_correct\_answers \* e.each\_ques\_mark) - (es.total\_false\_answers \* e.per\_ques\_negative\_marking))) OVER (PARTITION BY es.user\_id ORDER BY es.user\_exam\_starts\_at) THEN 'Declined'

ELSE 'Same'

**END** 

AS performance trend

**FROM** 

`ms-464509.10ms.exam` AS e

JOIN

`ms-464509.10ms.exam\_session` AS es

ON

es.exam\_id = e.exam\_id;

