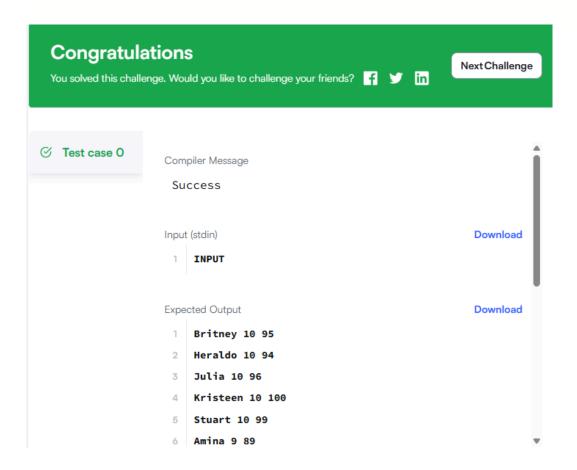
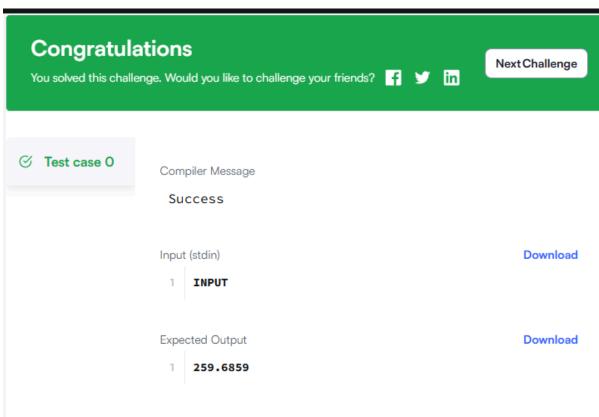
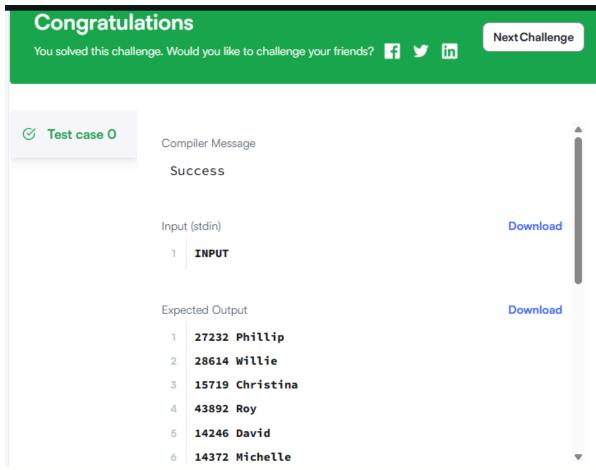
```
with student_in_grade as (
    select name, grade, marks
    from students s
    join grades g
    on s.marks between g.min mark and g.max mark
select
case
when grade < 8 then 'NULL'
else name
end as name, grade, marks
from student in grade
order by grade DESC,
case
when grade >=8
then name
end ASC ,
case
when grade < 8
then marks
end ASC;
```



```
with agregation as(
select
min(LAT_N) as a,
min(LONG_W) as b,
max(LAT_N) as c,
max(LONG_W) as d
from STATION
)
select cast(round (
   abs(a-c) + abs(b-d), 4)
   as decimal(10,4)
) as manhattan_distance
from agregation;
```



```
with max score as (
    select s.hacker id, c.challenge id
    from Submissions s
    inner join Challenges c
    on s.challenge id = c.challenge id
    inner join Difficulty d
    on d.difficulty level = c.difficulty level
   where s.score = d.score
),
    count max score as (
    select hacker id, count (distinct challenge id) as count max
    from max score
   group by hacker id
   having count (distinct challenge id) > 1
select h.hacker id, h.name
from Hackers h
inner join count max score cms
on cms.hacker id = h.hacker id
order by count max desc, hacker id asc;
```



```
with wands info as (
    select id, w.code, age, power, is_evil, coins_needed,
    min(coins needed) over (partition by age, power) as coins min
    from Wands w
    inner join Wands property wp
    on w.code = wp.code
    where is evil = 0
)
select id,age,coins needed,power from wands info
where coins needed = coins min
order by power desc, age desc;
  Congratulations
                                                              Next Challenge
  You solved this challenge. Would you like to challenge your friends?
                                                       in
 Compiler Message
                    Success
                   Input (stdin)
                                                                Download
                       INPUT
                   Expected Output
                                                                Download
                    1038 496 4789 10
                    2 1130 494 9439 10
                    3 1315 492 4126 10
                    4 9 491 7345 10
```

5 858 483 4352 10 6 1164 481 9831 10

```
with score as (
    select hacker id, challenge id, max(score) as max score
    from Submissions
    group by hacker id, challenge id
),
hacker detil as(
    select h.hacker id,name,max score
    from Hackers h
    inner join score s
    on h.hacker id = s.hacker id
select hacker id, name, sum (max score) as score
 from hacker detil
 group by hacker id, name
 having sum(max score) > 0
 order by score DESC, hacker id ASC;
   Congratulations
                                                               Next Challenge
   You solved this challenge. Would you like to challenge your friends? | f | j | in
 Compiler Message
                     Success
                    Input (stdin)
                                                                 Download
                        INPUT
                    Expected Output
                                                                 Download
                       76971 Ashley 760
                       84200 Susan 710
                     3 76615 Ryan 700
                     4 82382 Sara 640
                     5 79034 Marilyn 580
                     6 78552 Harry 570
```