**test case 1:**

| Table Name - | candidates | | |
|---|---|---|---|
| | id | positions | salary |
| | 1 | junior | 5000 |
| | 2 | junior | 7000 |
| | 3 | junior | 7000 |
| | 4 | senior | 10000 |
| | 5 | senior | 30000 |
| | 6 | senior | 20000 |

| Expected O/P: | juniors | seniors | |
|---|---|---|---|
| | 3 | 2 | |

**test case 2:**

| Table Name - | candidates | | |
|---|---|---|---|
| | id | positions | salary |
| | 20 | junior | 10000 |
| | 30 | senior | 15000 |
| | 40 | senior | 30000 |

| Expected O/P: | juniors | seniors | |
|---|---|---|---|
| | 0 | 2 | |

**test case 3:**

| Table Name - | candidates | | |
|---|---|---|---|
| | id | positions | salary |
| | 1 | junior | 15000 |
| | 2 | junior | 15000 |
| | 3 | junior | 20000 |
| | 4 | senior | 60000 |

| Expected O/P: | juniors | seniors | |
|---|---|---|---|
| | 3 | 0 | |

**test case 4:**

| Table Name - | candidates | | |
|---|---|---|---|
| | id | positions | salary |
| | 10 | junior | 10000 |
| | 20 | senior | 15000 |
| | 30 | senior | 30000 |
| | 40 | junior | 10000 |
| | 50 | senior | 15000 |

| Expected O/P: | juniors | seniors | |
|---|---|---|---|
| | 2 | 2 | |

```
-- test case 1
with cte1 as(
select *,sum(salary) over(partition by positions order by  salary asc,id) s from candidates),
cte2 as(
select id,positions,salary,sum(salary) over(order by positions desc,salary asc,id) s1 from cte1 where s<=50000)
select sum(case when positions='junior' then 1 else 0 end) as juniors,sum(case when positions = 'senior' then 1 else 0 end) as seniors from cte2 where s1<=50000
```

100 %

Results    Messages

| | juniors | seniors |
|---|---|---|
| 1 | 3 | 2 |

```sql
-- test case 2
with cte1 as(
select *,sum(salary) over(partition by positions order by  salary asc,id) s from candidates),
cte2 as(
select id,positions,salary,sum(salary) over(order by positions desc,salary asc,id) s1 from cte1 where s<=50000)
select sum(case when positions='junior' then 1 else 0 end) as juniors,sum(case when positions = 'senior' then 1 else 0 end) as seniors from cte2 where s1<=50000
```

00 %

Results | Messages

| | juniors | seniors |
|---|---|---|
| 1 | 0 | 2 |

```sql
-- test case 3
with cte1 as(
select *,sum(salary) over(partition by positions order by  salary asc,id) s from candidates),
cte2 as(
select id,positions,salary,sum(salary) over(order by positions desc,salary asc,id) s1 from cte1 where s<=50000)
select sum(case when positions='junior' then 1 else 0 end) as juniors,sum(case when positions = 'senior' then 1 else 0 end) as seniors from cte2 where s1<=50000
```

| | juniors | seniors |
|---|---|---|
| 1 | 3 | 0 |

0 %

▦ Results  ▩ Messages

```sql
-- test case 4
with cte1 as(
select *,sum(salary) over(partition by positions order by  salary asc,id) s from candidates),
cte2 as(
select id,positions,salary,sum(salary) over(order by positions desc,salary asc,id) s1 from cte1 where s<=50000)
select sum(case when positions='junior' then 1 else 0 end) as juniors,sum(case when positions = 'senior' then 1 else 0 end) as seniors from cte2 where s1<=50000
```

100 %

Results | Messages

| | juniors | seniors |
|---|---------|---------|
| 1 | 2 | 2 |