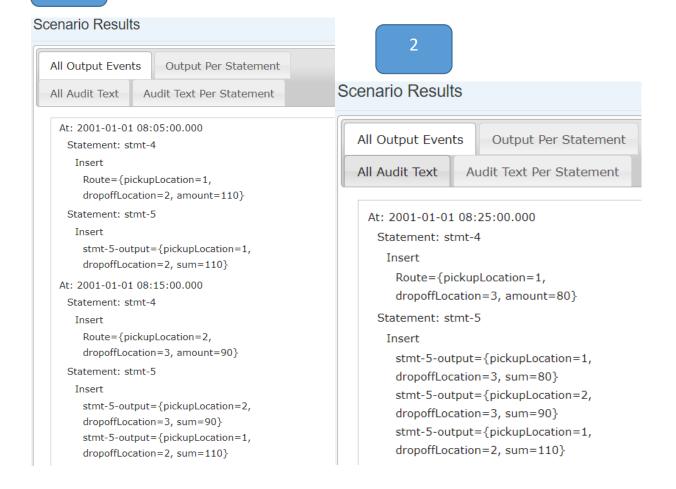
Saurabh Hebbalkar - 19232697

EPL Module Text

```
create schema Pickup(taxild int, pickupLocation int);
create schema Dropoff(taxild int, dropoffLocation int, amount int);
create schema Route(pickupLocation int, dropoffLocation int, amount int);
insert into Route
select
a.pickupLocation as pickupLocation,
b.dropoffLocation as dropoffLocation,
b.amount as amount
from pattern
[every a=Pickup ->
(b=Dropoff(taxild = a.taxild)
where timer:within(40 min))];
select pickupLocation, dropoffLocation, sum(amount) as sum
from Route
group by pickupLocation, dropoffLocation
output all every 1 events
order by sum asc
limit 10;
```

Output

1



4

Scenario Results

Scenario Results

All Output Events All Output Events Output Per Statement All Audit Text All Audit Text Audit Text Per Statement At: 2001-01-01 08:35:00.000 Statement: stmt-4 Statement: stmt-4 Insert Insert Route={pickupLocation=3, dropoffLocation=1, amount=110} Statement: stmt-5 Statement: stmt-5 Insert Insert stmt-5-output={pickupLocation=1, dropoffLocation=3, sum=80} stmt-5-output={pickupLocation=2, dropoffLocation=3, sum=90} stmt-5-output={pickupLocation=1, dropoffLocation=2, sum=110} stmt-5-output={pickupLocation=3, dropoffLocation=1, sum=110}

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Scenario Results

All Output Events

Output Per Statement

All Audit Text

Audit Text Per Statement

At: 2001-01-01 08:55:00.000

Statement: stmt-4

Insert

Route={pickupLocation=1,
dropoffLocation=3, amount=110}

Statement: stmt-5

Insert

stmt-5-output={pickupLocation=2,
dropoffLocation=3, sum=90}
stmt-5-output={pickupLocation=1,
dropoffLocation=2, sum=110}
stmt-5-output={pickupLocation=3,
dropoffLocation=1, sum=110}

stmt-5-output={pickupLocation=1,
dropoffLocation=3, sum=290}

At: 2001-01-01 08:45:00.000
Statement: stmt-4

Output Per Statement

Insert
Route={pickupLocation=1,
dropoffLocation=3, amount=100}

Statement: stmt-5

Insert
stmt-5-output={pickupLocation=2,
dropoffLocation=3, sum=90}
stmt-5-output={pickupLocation=1,
dropoffLocation=2, sum=110}
stmt-5-output={pickupLocation=3,
dropoffLocation=1, sum=110}
stmt-5-output={pickupLocation=3,
dropoffLocation=1, sum=110}
stmt-5-output={pickupLocation=1,
dropoffLocation=3, sum=180}

At: 2001-01-01 09:05:00.000

Statement: stmt-4

Insert

Route={pickupLocation=6, dropoffLocation=7, amount=140}

6

Statement: stmt-5

Insert

stmt-5-output={pickupLocation=2, dropoffLocation=3, sum=90} stmt-5-output={pickupLocation=1, dropoffLocation=2, sum=110} stmt-5-output={pickupLocation=3, dropoffLocation=1, sum=110} stmt-5-output={pickupLocation=6, dropoffLocation=7, sum=140} stmt-5-output={pickupLocation=1, dropoffLocation=3, sum=290}