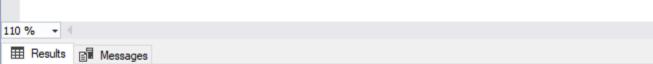
```
⊟with cte as (
select 1 as day, 3 as forward, 2 as backward, 30 as reach point, 3-2 as net forward
union all
select day+1 as day, forward, backward, reach point,
case when
    net forward+forward=reach point then net forward+forward
    else net forward+forward-backward
    end as 'net forward'
from cte
where net forward+forward<=reach point)
select * from cte where net forward=reach point-- on day 28, the frog comes out of pit
```



day forward backward reach point net forward

1	28	3	2	30	30
	***************************************				