```
cqlsh> drop keyspace libaray134;
cqlsh> create keyspace library134 with replication ={ 'class' :
'SimpleStrategy','replication_factor': 1};
cqlsh> use library134;
cqlsh:library134> CREATE table library-WITH CLUSTERING ORDER BY (salary ASC)
          ...
cqlsh:library134> Create table library_info (stud_id int, counter_value counter , stud_name text,
book_name text, book_id int ,date_of_issue timeWITH CLUSTERING ORDER BY (salary ASC)
          ... ;
SyntaxException: line 1:132 mismatched input 'CLUSTERING' expecting ')' (... book_id int
,date_of_issue timeWITH [CLUSTERING]...)
cqlsh:library134> Create table library_info (stud_id int, counter_value counter , stud_name text,
book_name text, book_id int ,date_of_issue timestamp , Primary key ( stud_id ));
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter
and non counter columns in the same table"
cqlsh:library134>  Create table library_info (stud_id int, counter_value counter , stud_name text,
book_name text, book_id int ,date_of_issue timestamp , Primary key ( stud_id ));
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot mix counter
and non counter columns in the same table"
cqlsh:library134>  Create table library_info (stud_id int, stud_name text, book_name text,
book_id int ,date_of_issue timestamp , Primary key ( stud_id ));
cqlsh:library134> Begin batch
          ... insert into library_info ( stud_id,stud_name, book_name,book_id,date_of_issue)
values (003,'Shyam','IKIGAI',2341,'2019-03-09');
          ...
cqlsh:library134> drop library_info;
SyntaxException: line 1:5 no viable alternative at input 'library_info' ([drop] library_info...)
cqlsh:library134> drop table library_info;
cqlsh:library134> Create table library_info (stud_id int, stud_name text, counter_val counter,
book_name text, book_id int ,date_of_issue timestamp , Primary key (
stud_id,stud_name,book_name,book_id,date_of_issue ));
cqlsh:library134> Begin batch
          ... insert into library_info ( stud_id,stud_name, book_name,book_id,date_of_issue)
values (003,'Shyam','IKIGAI',2341,'2019-03-09');
          ... apply batch;
InvalidRequest: Error from server: code=2200 [Invalid query] message="INSERT statements
are not allowed on counter tables, use UPDATE instead"
cqlsh:library134> Update library_info set counter_val=counter_val+1 where stud_id = 1
stud_name = 'Balaji' book_name = 'harry' book_id = 123 date_of_issue ='2022-03-12' ;
SyntaxException: line 1:68 mismatched input 'stud_name' expecting EOF (...1 where stud_id =
1 [stud_name]...)
cqlsh:library134> Update library_info set counter_val=counter_val+1 where stud_id = 1 and
stud_name = 'Balaji' and  book_name = 'harry' and  book_id = 123 and date_of_issue
='2022-03-12' ;
```

```
cqlsh:library134> select * from library_info;

 stud_id | stud_name | book_name | book_id | date_of_issue                   | counter_val
---------+-----------+-----------+---------+---------------------------------+-------------
       1 |     Balaji |     harry |     123 | 2022-03-11 18:30:00.000000+0000 |           1

(1 rows)
cqlsh:library134> Update library_info set counter_val=counter_val+1 where stud_id = 1 and
stud_name = 'Balaji' and  book_name = 'harry' and  book_id = 123 and date_of_issue
='2022-03-12' ;
cqlsh:library134> select * from library_info;

 stud_id | stud_name | book_name | book_id | date_of_issue                   | counter_val
---------+-----------+-----------+---------+---------------------------------+-------------
       1 |     Balaji |     harry |     123 | 2022-03-11 18:30:00.000000+0000 |           2

(1 rows)
cqlsh:library134> Update library_info set counter_val=counter_val+1 where stud_id = 1 and
stud_name = 'Balaji' and  book_name = 'harry' and  book_id = 123 and date_of_issue
='2022-03-13' ;
cqlsh:library134> select * from library_info;

 stud_id | stud_name | book_name | book_id | date_of_issue                   | counter_val
---------+-----------+-----------+---------+---------------------------------+-------------
       1 |     Balaji |     harry |     123 | 2022-03-11 18:30:00.000000+0000 |           2
       1 |     Balaji |     harry |     123 | 2022-03-12 18:30:00.000000+0000 |           1

(2 rows)
cqlsh:library134> Update library_info set counter_val=2  where stud_id = 112 and  stud_name =
'Sai' and  book_name = 'BDA' and  book_id = 134 and date_of_issue ='2022-03-13' ;
InvalidRequest: Error from server: code=2200 [Invalid query] message="Cannot set the value of
counter column counter_val (counters can only be incremented/decremented, not set)"
cqlsh:library134> Update library_info set counter_val=counter_val +2  where stud_id = 112 and
stud_name = 'Sai' and  book_name = 'BDA' and  book_id = 134 and date_of_issue
='2022-03-13' ;
cqlsh:library134> select * from library_info;

 stud_id | stud_name | book_name | book_id | date_of_issue                   | counter_val
---------+-----------+-----------+---------+---------------------------------+-------------
       1 |     Balaji |     harry |     123 | 2022-03-11 18:30:00.000000+0000 |           2
       1 |     Balaji |     harry |     123 | 2022-03-12 18:30:00.000000+0000 |           1
     112 |       Sai |       BDA |     134 | 2022-03-12 18:30:00.000000+0000 |           2

(3 rows)
```