

```
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~  
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~$ ^[[200-cqlsh  
cqlsh: command not found  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~$ -cqlsh  
Command '-cqlsh' not found, did you mean:  
  command 'cqlsh' from snap cqlsh (5.0.5)  
See 'snap info <snapname>' for additional versions.  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~$ cqlsh  
4.1.8  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~$ cqlsh  
Connected to Test Cluster at 127.0.0.1:9042  
[cqlsh 6.1.0 | Cassandra 4.1.8 | CQL spec 3.4.6 | Native protocol v5]  
Use HELP for help.  
cqlsh> CREATE KEYSPACE Employee  
... WITH replication = {'class': 'SimpleStrategy', 'replication_factor':1};  
  
cqlsh>  
cqlsh> USE Employee;  
cqlsh:employee> CREATE TABLE Employee_Info (  
...   Emp_Id int PRIMARY KEY,  
...   Emp_Name text,  
...   Designation text,  
...   Date_of_Joining date,  
...   Salary int,  
...   Dept_Name text  
... );  
cqlsh:employee> BEGIN BATCH  
cqlsh:employee> ... INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)  
... VALUES (121, 'Rahul', 'Software Engineer', '2021-03-15', 60000, 'IT');  
...  
cqlsh:employee> ... INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)  
... VALUES (122, 'Anita', 'Senior Engineer', '2020-06-10', 75000, 'Development');  
...  
cqlsh:employee> ... INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)  
... VALUES (123, 'Vikas', 'Manager', '2019-01-05', 90000, 'HR');  
... APPLY BATCH;  
cqlsh:employee>  
cqlsh:employee> UPDATE Employee_Info  
... SET Emp_Name = 'Rahul Sharma', Dept_Name = 'R&D'  
... WHERE Emp_Id = 121;  
cqlsh:employee>  
cqlsh:employee> ALTER TABLE Employee_Info  
... ADD Projects set<text>;  
cqlsh:employee>  
cqlsh:employee> UPDATE Employee_Info  
... SET Projects = {'Payroll System','AI Dashboard','Cloud Migration'}  
... WHERE Emp_Id = 121;  
cqlsh:employee>  
cqlsh:employee> UPDATE Employee_Info  
... SET Projects = {'E-Commerce App','API Gateway'}  
... WHERE Emp_Id = 122;  
cqlsh:employee>  
cqlsh:employee> SELECT * FROM Employee_Info;
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bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~  
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000  
bmscsece@bmscsece-HP-Pro-Tower-400-G9-PCI-Desktop-PC: ~  
cqlsh:employee>  
cqlsh:employee> SELECT * FROM Employee_Info;  
  
emp_id | date_of_joining | dept_name | designation | emp_name | projects | salary  
-----  
123 | 2019-01-05 | HR | Manager | Vikas | null | 90000  
122 | 2020-06-10 | Development | Senior Engineer | Anita | {'API Gateway', 'E-Commerce App'} | 75000  
121 | 2021-03-15 | R&D | Software Engineer | Rahul Sharma | {'AI Dashboard', 'Cloud Migration', 'Payroll System'} | 60000  
  
(3 rows)  
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)  
... VALUES (124, 'Test User', 'Intern', '2026-02-09', 30000, 'IT')  
... USING TTL 15;  
cqlsh:employee>  
cqlsh:employee> SELECT * FROM Employee_Info WHERE Emp_Id = 124;  
  
emp_id | date_of_joining | dept_name | designation | emp_name | projects | salary  
-----  
  
(0 rows)  
cqlsh:employee> SELECT * FROM Employee_Info;  
  
emp_id | date_of_joining | dept_name | designation | emp_name | projects | salary  
-----  
123 | 2019-01-05 | HR | Manager | Vikas | null | 90000  
122 | 2020-06-10 | Development | Senior Engineer | Anita | {'API Gateway', 'E-Commerce App'} | 75000  
121 | 2021-03-15 | R&D | Software Engineer | Rahul Sharma | {'AI Dashboard', 'Cloud Migration', 'Payroll System'} | 60000  
  
(3 rows)  
cqlsh:employee> INSERT INTO Employee_Info (Emp_Id, Emp_Name, Designation, Date_of_Joining, Salary, Dept_Name)  
... VALUES (124, 'Test User', 'Intern', '2026-02-09', 30000, 'IT')  
... USING TTL 15;  
cqlsh:employee>  
cqlsh:employee> SELECT * FROM Employee_Info;  
  
emp_id | date_of_joining | dept_name | designation | emp_name | projects | salary  
-----  
123 | 2019-01-05 | HR | Manager | Vikas | null | 90000  
122 | 2020-06-10 | Development | Senior Engineer | Anita | {'API Gateway', 'E-Commerce App'} | 75000  
121 | 2021-03-15 | R&D | Software Engineer | Rahul Sharma | {'AI Dashboard', 'Cloud Migration', 'Payroll System'} | 60000  
124 | 2026-02-09 | IT | Intern | Test User | null | 30000  
  
(4 rows)  
cqlsh:employee> SELECT * FROM Employee_Info;  
  
emp_id | date_of_joining | dept_name | designation | emp_name | projects | salary  
-----  
123 | 2019-01-05 | HR | Manager | Vikas | null | 90000  
122 | 2020-06-10 | Development | Senior Engineer | Anita | {'API Gateway', 'E-Commerce App'} | 75000  
121 | 2021-03-15 | R&D | Software Engineer | Rahul Sharma | {'AI Dashboard', 'Cloud Migration', 'Payroll System'} | 60000  
  
(3 rows)  
cqlsh:employee>
```