Cassandra

Q3

$ cqlsh -u user -p pw123 LOCALHOST;

Q4

CREATE KEYSPACE test

WITH REPLICATION =

{'class' : 'SimpleStrategy',

'replication\_factor' : 1};

Q5

USE test;

Q6

CREATE TABLE person (

id TEXT,

email TEXT,

name TEXT,

surname TEXT,

PRIMARY KEY (id));

Q7

DESCRIBE person;

Q8

INSERT INTO person (id, name, surname, email) VALUES ('001', 'Shalabh',

'Aggarwal', 'contact@shalabhaggarwal.com');

INSERT INTO person (id, name, surname, email) VALUES ('002', 'John', 'Doe',

'john@example.com');

INSERT INTO person (id, name, surname, email) VALUES ('003', 'Harry',

'Potter', 'harry@example.com');

Q9

SELECT \* FROM person;

Q10

SELECT name FROM person WHERE id='001';

Q11

CREATE COLUMNFAMILY users (

key VARCHAR PRIMARY KEY,

full\_name VARCHAR,

birth\_date INT,

state VARCHAR,

emails SET <text>);

Q12

CREATE INDEX ON users (birth\_date);

CREATE INDEX ON users (state);

Q13

SELECT full\_name, emails FROM users WHERE key= 'pangeles';

Q14

SELECT key, state FROM users;

**key | state |**

bsanderson | UT |

prothfuss | WI |

htayler | UT |

Q15

SELECT \* FROM users WHERE state='UT' AND birth\_date > 1970 ALLOW

FILTERING;

**KEY | birth\_date | full\_name | state |**

bsanderson | 1975 | Brandon Sanderson | UT |