**DevOps Assignment**

* **Install PostgreSQL and write a database backup script using bash.**

**After Successfull installation of postgres\_**

-sudo -i -u postgres

-[sudo] password for webonise:

-postgres@webonise:~$ createdb Webonator

-postgres@webonise:~$ createdb Webonators

-postgres@webonise:~$ psql Webonators

-psql (14.1 (Ubuntu 14.1-2.pgdg20.04+1))

-Webonators=# create table Actor(Act\_no integer primary key , Act\_name varchar(40));

-CREATE TABLE

-Webonators=# \d Actor

**Table "public.actor"**

Column | Type | Collation | Nullable | Default

----------+-----------------------+-----------+----------+---------

act\_no | integer | | not null |

act\_name | character varying(40) | | |

Indexes:

"actor\_pkey" PRIMARY KEY, btree (act\_no)

-Webonators=# create table Movie ( Mov\_no integer primary key, - Mov\_name varchar (50) , Rel\_year integer , A\_no integer references Actor (Act\_no));

-CREATE TABLE

-Webonators=# \d Movie

**Table "public.movie"**

Column | Type | Collation | Nullable | Default

----------+-----------------------+-----------+----------+---------

mov\_no | integer | | not null |

mov\_name | character varying(50) | | |

rel\_year | integer | | |

a\_no | integer | | |

-Indexes:

"movie\_pkey" PRIMARY KEY, btree (mov\_no)

Foreign-key constraints:

"movie\_a\_no\_fkey" FOREIGN KEY (a\_no) REFERENCES actor(act\_no)

Webonators=# insert into Actor values (1, 'Amir');

INSERT 0 1

Webonators=# insert into Actor values (2, 'Salman');

INSERT 0 1

Webonators=# insert into Actor values (3, 'hritik');

INSERT 0 1

Webonators=# insert into Movie values (1, 'Dhoom', 2000, 1);

INSERT 0 1

Webonators=# insert into Movie values (2, 'Dhoom', 2000,2);

INSERT 0 1

Webonators=# insert into Movie values (3, 'Dabang', 2010,3);

INSERT 0 1

Webonators=# insert into Movie values (4, 'Baghi3', 2010,2);

INSERT 0 1

Webonators=# select \* from Actor ;

act\_no | act\_name

--------+----------

1 | Amir

2 | Salman

3 | hritik

(3 rows)

Webonators=# select \* from Movie;

mov\_no | mov\_name | rel\_year | a\_no

--------+----------+----------+------

1 | Dhoom | 2000 | 1

2 | Dhoom | 2000 | 2

3 | Dabang | 2010 | 3

4 | Baghi3 | 2010 | 2

(4 rows)

Webonators=# select count(\*) from Movie where rel\_year=2010;

count

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2

(1 row)

Webonators=# select Act\_no,Act\_name from Actor ,Movie where Mov\_name='Dhoom' and Movie.a\_no=Actor.Act\_no;

act\_no | act\_name

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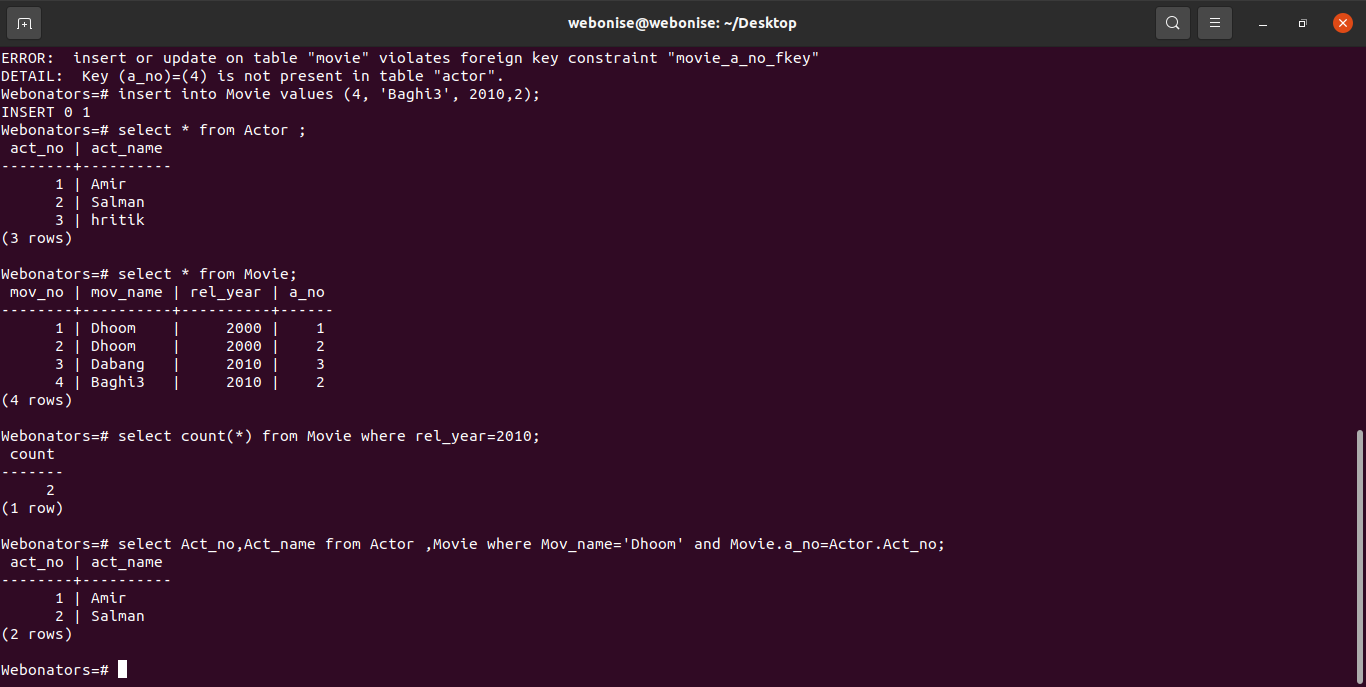
1 | Amir

2 | Salman

(2 rows)

**Screenshots of DATABASES:**

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* Install Mysql and write a database backup script using bash.

-sudo apt update

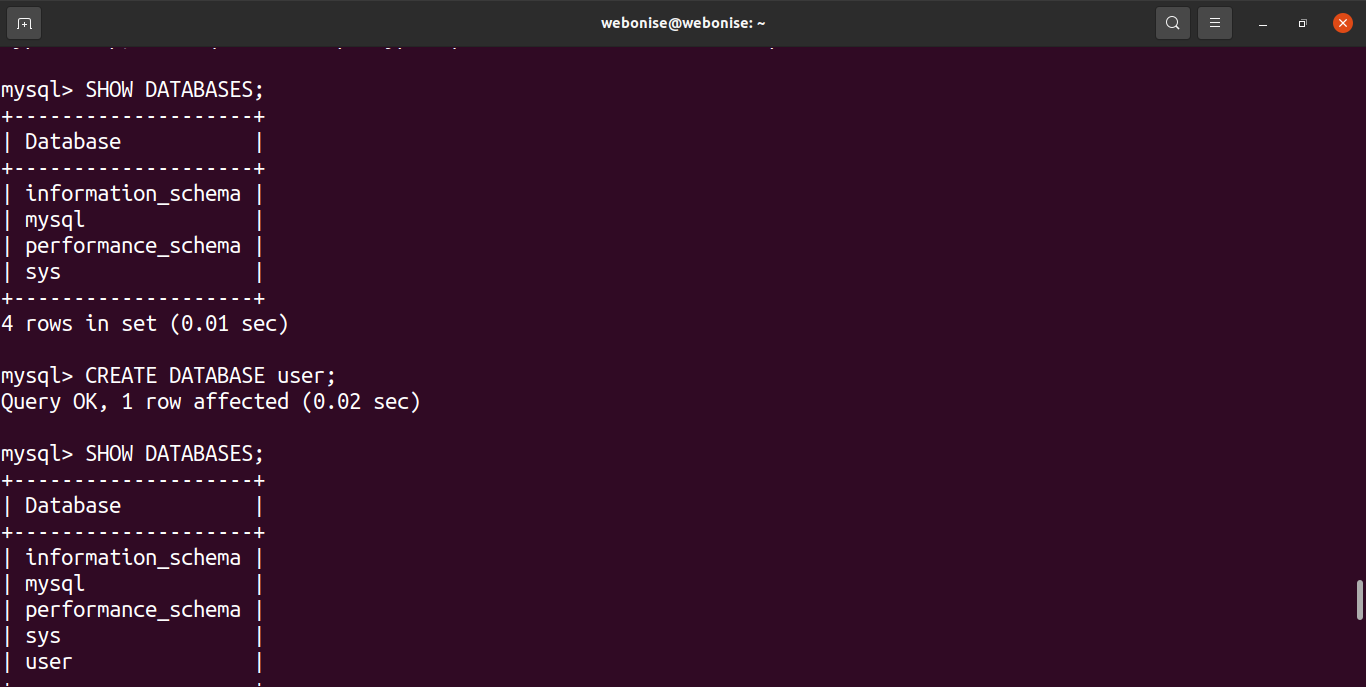
-sudo apt install mysql-server -y

-sudo systemctl status mysql.servic

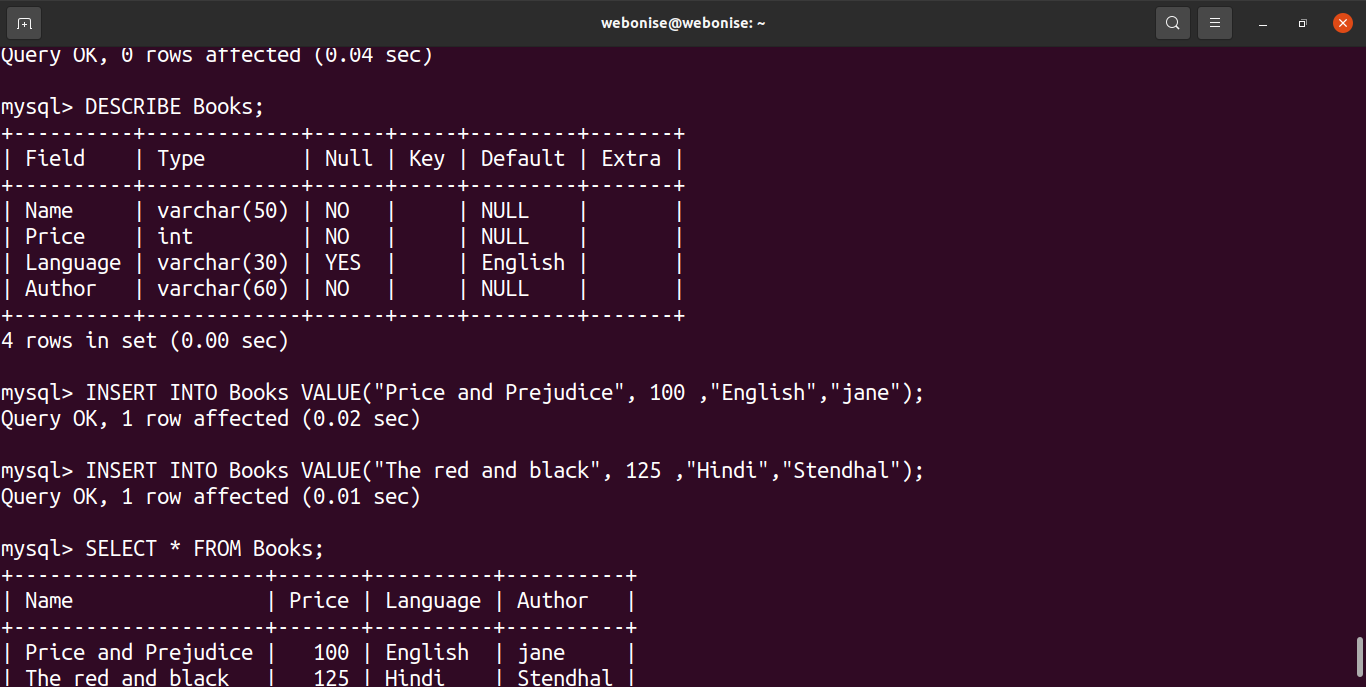
- sudo mysql\_secure\_installation

-mysql -u root -p

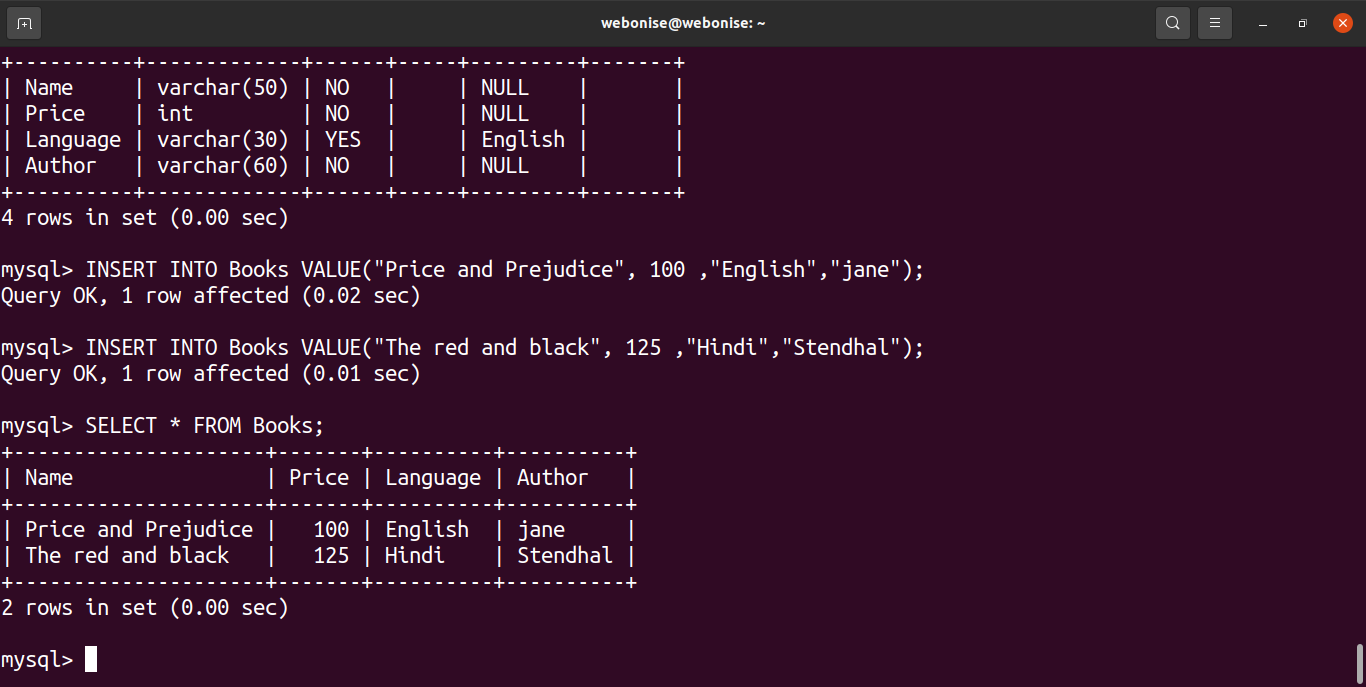
1st :-Creation of database



2nd:Table creation

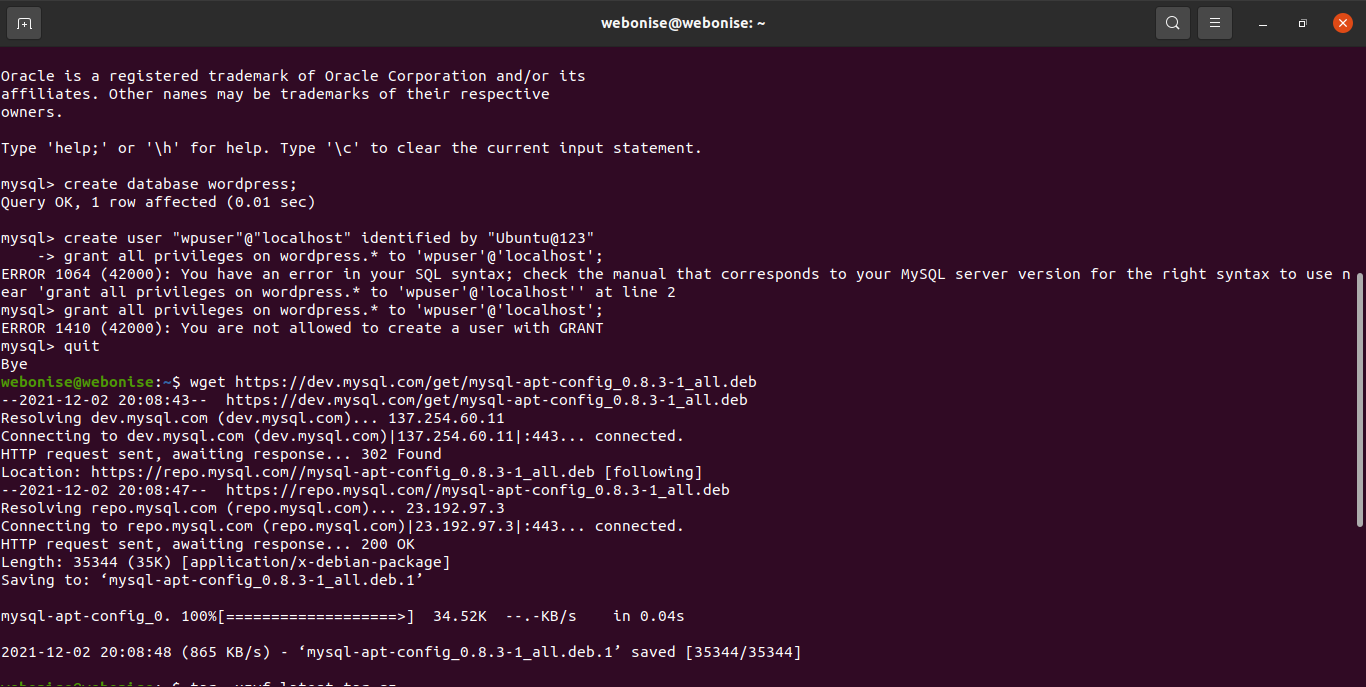


3rd:Insertion of data into table:



* Install & Configure Wordpress / Magento / Drupal / php / website with nginx proxy.

**Wordpress installation:**



**Nginx installation done:**

