create database if not exists jobsite;

use jobsite;

1-CREATE TABLE IF NOT EXISTS jobberland\_admin (

id INT NOT NULL AUTO\_INCREMENT,

username VARCHAR(16) NOT NULL,

passwd VARCHAR(32) NOT NULL,

PRIMARY KEY (id));

2-CREATE TABLE IF NOT EXISTS jobberland\_employee(

id INT NOT NULL AUTO\_INCREMENT,

extra\_id VARCHAR(30) NOT NULL DEFAULT '',

email\_address VARCHAR(100) NOT NULL,

username VARCHAR(30) NOT NULL,

passwd VARCHAR(32) NOT NULL,

title VARCHAR(3) NOT NULL,

fname VARCHAR(50) NOT NULL,

sname VARCHAR(50) NOT NULL,

address VARCHAR(50) NOT NULL,

address2 VARCHAR(50) NOT NULL,

city varchar(100) default '',

county varchar(50) default '',

state\_province varchar(50) default '',

country varchar(11) default '',

post\_code VARCHAR(8) NOT NULL,

phone\_number VARCHAR(11) NOT NULL,

fk\_career\_degree\_id INT NOT NULL,

date\_register VARCHAR(30) NOT NULL DEFAULT '',

last\_login VARCHAR(30) NOT NULL DEFAULT '',

actkey VARCHAR(32) NOT NULL,

admin\_comments VARCHAR(255) NOT NULL DEFAULT '',

employee\_status VARCHAR(10) NOT NULL DEFAULT 'pending',

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY (id),

UNIQUE KEY(username),

UNIQUE KEY(email\_address),

KEY city (city),

KEY county (county),

KEY state\_province (state\_province),

KEY country (country),

KEY post\_code (post\_code),

INDEX fullname (fname, sname));

3-CREATE TABLE IF NOT EXISTS jobberland\_employer (

id INT NOT NULL AUTO\_INCREMENT,

extra\_id VARCHAR(30) NOT NULL DEFAULT '',

company\_name VARCHAR(50) NOT NULL,

var\_name VARCHAR(50) NOT NULL,

contact\_name VARCHAR(50) NOT NULL,

site\_link VARCHAR (100) NOT NULL,

company\_logo VARCHAR (100) NOT NULL,

company\_desc LONGTEXT NOT NULL,

email\_address VARCHAR(100) NOT NULL,

username VARCHAR(30) NOT NULL,

passwd VARCHAR(32) NOT NULL,

title VARCHAR(3) NOT NULL,

fname VARCHAR(50) NOT NULL,

sname VARCHAR(50) NOT NULL,

address VARCHAR(50) NOT NULL,

address2 VARCHAR(50) NOT NULL,

city varchar(100) default '',

county varchar(50) default '',

state\_province varchar(50) default '',

country varchar(11) default '',

post\_code VARCHAR(8) NOT NULL,

phone\_number VARCHAR(11) NOT NULL,

job\_qty INT NOT NULL DEFAULT '0',

cv\_qty INT NOT NULL DEFAULT '0',

spotlight\_qty INT NOT NULL DEFAULT '0',

date\_register VARCHAR(30) NOT NULL DEFAULT '',

last\_login VARCHAR(30) NOT NULL DEFAULT '',

actkey VARCHAR(32) NOT NULL,

admin\_comments VARCHAR(255) NOT NULL DEFAULT '',

employer\_status VARCHAR(10) NOT NULL DEFAULT 'pending',

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY (id),

UNIQUE KEY(username),

UNIQUE KEY(email\_address),

KEY city (city),

KEY county (county),

KEY state\_province (state\_province),

KEY country (country),

KEY post\_code (post\_code),

INDEX fullname (fname, sname));

4-CREATE TABLE IF NOT EXISTS jobberland\_category (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

cat\_name VARCHAR (100) NOT NULL,

PRIMARY KEY(id),

UNIQUE KEY (cat\_name, var\_name));

5-CREATE TABLE IF NOT EXISTS jobberland\_job2category (

category\_id INT NOT NULL,

job\_id INT NOT NULL,

PRIMARY KEY (category\_id, job\_id),

KEY category\_id (category\_id),

KEY job\_id (job\_id));

6-CREATE TABLE IF NOT EXISTS jobberland\_job (

id BIGINT NOT NULL AUTO\_INCREMENT,

fk\_employer\_id VARCHAR( 30 ) NOT NULL,

job\_ref VARCHAR( 30 ) NOT NULL,

var\_name VARCHAR(100) NOT NULL,

job\_title VARCHAR(100) NOT NULL,

job\_description LONGTEXT NOT NULL,

job\_postion VARCHAR( 50 ) NOT NULL,

city varchar(100) default '',

county varchar(50) default '',

state\_province varchar(50) default '',

country varchar(11) default '',

fk\_education\_id INT NOT NULL,

fk\_career\_id INT NOT NULL,

fk\_experience\_id INT NOT NULL,

spotlight CHAR(1) NOT NULL DEFAULT 'Y',

job\_salary VARCHAR( 15 ) NOT NULL,

salaryfreq VARCHAR( 10 ) NOT NULL,

company\_name VARCHAR(100) NOT NULL,

company\_logo TEXT NOT NULL,

contact\_name VARCHAR(100) NOT NULL,

contact\_telephone VARCHAR(13) NOT NULL,

site\_link TEXT NOT NULL,

poster\_email VARCHAR(200) NOT NULL,

views\_count INT NOT NULL DEFAULT '0',

apply\_count INT NOT NULL DEFAULT '0',

start\_date VARCHAR(50) NOT NULL,

created\_at VARCHAR(30) NOT NULL DEFAULT '',

job\_startdate VARCHAR(30) NOT NULL DEFAULT '',

job\_enddate VARCHAR(30) NOT NULL DEFAULT '',

modified VARCHAR(30) NOT NULL DEFAULT '',

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

job\_status VARCHAR(10) NOT NULL DEFAULT 'pending',

has\_been\_active CHAR(1) NOT NULL DEFAULT 'Y',

admin\_first\_view VARCHAR(30) NOT NULL DEFAULT '',

admin\_status\_date VARCHAR(30) NOT NULL DEFAULT '',

admin\_comments VARCHAR(255) NULL DEFAULT '',

PRIMARY KEY(id),

UNIQUE (var\_name),

FULLTEXT (job\_title, job\_description),

FULLTEXT(city, county, state\_province),

INDEX (fk\_education\_id),

KEY (city,county,state\_province,country),

INDEX (fk\_career\_id),

INDEX (fk\_experience\_id));

7-CREATE TABLE IF NOT EXISTS jobberland\_job\_type (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

type\_name VARCHAR(100) NOT NULL,

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY (id),UNIQUE KEY (type\_name));

8-CREATE TABLE IF NOT EXISTS jobberland\_job2type (

fk\_job\_id INT NOT NULL,

fk\_job\_type\_id INT NOT NULL,

PRIMARY KEY (fk\_job\_id, fk\_job\_type\_id));

9-CREATE TABLE IF NOT EXISTS jobberland\_job\_status (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

status\_name VARCHAR(100) NOT NULL,

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY(id),

UNIQUE KEY (status\_name));

10-CREATE TABLE IF NOT EXISTS jobberland\_job2status (

fk\_job\_id INT NOT NULL,

fk\_job\_status\_id INT NOT NULL,

PRIMARY KEY (fk\_job\_id, fk\_job\_status\_id));

11-CREATE TABLE IF NOT EXISTS jobberland\_education (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

education\_name VARCHAR(100) NOT NULL,

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY(id),

UNIQUE KEY (education\_name));

12-CREATE TABLE IF NOT EXISTS jobberland\_career\_degree (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

career\_name VARCHAR(100) NOT NULL,

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY(id),

UNIQUE KEY (career\_name));

13-CREATE TABLE IF NOT EXISTS jobberland\_experience (

id INT NOT NULL AUTO\_INCREMENT,

var\_name VARCHAR(100) NOT NULL,

experience\_name VARCHAR(100) NOT NULL,

is\_active CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY(id),

UNIQUE KEY (experience\_name));

14-CREATE TABLE IF NOT EXISTS jobberland\_save\_job (

id INT NOT NULL AUTO\_INCREMENT,

fk\_employee\_id INT NOT NULL,

fk\_job\_id BIGINT NOT NULL,

date\_saved VARCHAR(30) NOT NULL DEFAULT '',

is\_deleted CHAR(1) NOT NULL DEFAULT 'Y',

PRIMARY KEY (id),

KEY (fk\_employee\_id),

KEY (fk\_job\_id));

15-CREATE TABLE IF NOT EXISTS jobberland\_cv\_detail (

id INT NOT NULL AUTO\_INCREMENT,

fk\_employee\_id VARCHAR(30) NOT NULL,

cv\_title VARCHAR(30) NOT NULL,

cv\_description VARCHAR(255) NOT NULL,

cv\_file\_name VARCHAR(100) NOT NULL,

cv\_file\_type VARCHAR(30) NOT NULL,

cv\_file\_exe VARCHAR(30) NOT NULL,

cv\_file\_size INT NOT NULL,

cv\_file\_path VARCHAR(255) NOT NULL,

original\_name VARCHAR(100) NOT NULL,

cv\_status VARCHAR(10) NOT NULL DEFAULT 'Private',

default\_cv CHAR(1) NOT NULL DEFAULT 'N',

year\_experience VARCHAR(30),

highest\_education VARCHAR(100),

salary\_range VARCHAR(30),

availability CHAR(1) NOT NULL DEFAULT 'Y',

start\_date VARCHAR(30) NOT NULL DEFAULT '',

positions VARCHAR(100) NOT NULL,

recent\_job\_title VARCHAR(100) NOT NULL,

recent\_employer VARCHAR(100) NOT NULL,

recent\_industry\_work VARCHAR(100) NOT NULL,

recent\_career\_level VARCHAR(100) NOT NULL,

look\_job\_title VARCHAR(100) NOT NULL,

look\_job\_title2 VARCHAR(100) NOT NULL,

look\_job\_type VARCHAR(70) NOT NULL,

look\_job\_status VARCHAR(70) NOT NULL,

city VARCHAR(100) NOT NULL,

county varchar(50) default '',

state\_province varchar(50) default '',

country varchar(11) default '',

are\_you\_auth VARCHAR(100) NOT NULL,

willing\_to\_relocate CHAR(1) NOT NULL DEFAULT 'Y',

willing\_to\_travel VARCHAR(30) NOT NULL,

additional\_notes TEXT,

no\_views INT(6) NOT NULL DEFAULT '0',

created\_at VARCHAR(30) NOT NULL DEFAULT '',

modified\_at VARCHAR(30) NOT NULL DEFAULT '',

PRIMARY KEY(id),

KEY(cv\_title, recent\_job\_title, look\_job\_title, look\_job\_title2),

key (fk\_employee\_id));

16-CREATE TABLE IF NOT EXISTS jobberland\_cv\_look\_occupation (

cv\_id INT NOT NULL,

category\_id INT NOT NULL,

PRIMARY KEY(cv\_id, category\_id ));

17-CREATE TABLE IF NOT EXISTS jobberland\_search (

id BIGINT NOT NULL AUTO\_INCREMENT,

keywords VARCHAR(100) NOT NULL,

results INT(5) NOT NULL,

created\_on VARCHAR(30) NOT NULL DEFAULT '',

PRIMARY KEY (id));

## Some Sql Queries which used for Database of Online Job Recruitment Website:

**Type 1:**

SELECT j.id,j.job\_ref,j.var\_name,job\_title,job\_description,job\_postion,j.city,

j.state\_province,j.country,fk\_education\_id,fk\_career\_id,fk\_experience\_id,

job\_salary,j.company\_name,j.company\_logo,j.contact\_name,contact\_telephone,j.site\_link,poster\_email,apply\_count,

job\_startdate,job\_enddate,cat.id,cat.cat\_name,stat.fk\_job\_id,stat.fk\_job\_status\_id,

type.fk\_job\_id,type.fk\_job\_type\_id,jobstat.id,jobstat.status\_name,jobtype.id,jobtype.type\_name

FROM jobberland\_job AS j

INNER JOIN jobberland\_employer AS emp

ON j.fk\_employer\_id = emp.id

inner join jobberland\_category as cat

on emp.id=cat.id

inner join jobberland\_job2status as stat

on j.id=stat.fk\_job\_id

inner join jobberland\_job2type as type

on j.id=type.fk\_job\_id

inner join jobberland\_job\_status as jobstat

on stat.fk\_job\_status\_id=jobstat.id

inner join jobberland\_job\_type as jobtype

on type.fk\_job\_type\_id=jobtype.id

**Type: 2**

SELECT j.id,j.job\_ref,j.var\_name,job\_title,job\_description,job\_postion,j.city,

j.state\_province,j.country,fk\_education\_id,fk\_career\_id,fk\_experience\_id,

job\_salary,j.company\_name,j.company\_logo,j.contact\_name,contact\_telephone,j.site\_link,poster\_email,apply\_count,

job\_startdate,job\_enddate,cat.id,cat.cat\_name,stat.fk\_job\_id,stat.fk\_job\_status\_id,

type.fk\_job\_id,type.fk\_job\_type\_id,jobstat.id,jobstat.status\_name,jobtype.id,jobtype.type\_name,

edu.id,edu.education\_name,car.id,car.career\_name,exp.id,exp.experience\_name

FROM jobberland\_job AS j

INNER JOIN jobberland\_employer AS emp

ON j.fk\_employer\_id = emp.id

inner join jobberland\_category as cat

on j.var\_name=cat.id

inner join jobberland\_job2status as stat

on j.id=stat.fk\_job\_id

inner join jobberland\_job2type as type

on j.id=type.fk\_job\_id

inner join jobberland\_job\_status as jobstat

on stat.fk\_job\_status\_id=jobstat.id

inner join jobberland\_job\_type as jobtype

on type.fk\_job\_type\_id=jobtype.id

inner join jobberland\_education as edu

on fk\_education\_id=edu.id

inner join jobberland\_career\_degree as car

on fk\_career\_id=car.id

inner join jobberland\_experience as exp

on fk\_experience\_id=exp.id

order by j.id

**Job search:**

SELECT id, job\_title, job\_postion

FROM jobberland\_job

WHERE id =1

**Type 2:**

SELECT j.id,j.job\_ref,j.var\_name,job\_title,job\_description,job\_postion,j.city,

j.state\_province,j.country,fk\_education\_id,fk\_career\_id,fk\_experience\_id,

job\_salary,j.company\_name,j.company\_logo,j.contact\_name,contact\_telephone,j.site\_link,poster\_email,apply\_count,

job\_startdate,job\_enddate,cat.id,cat.cat\_name,stat.fk\_job\_id,stat.fk\_job\_status\_id,

type.fk\_job\_id,type.fk\_job\_type\_id,jobstat.id,jobstat.status\_name,jobtype.id,jobtype.type\_name,

edu.id,edu.education\_name,car.id,car.career\_name,exp.id,exp.experience\_name,

search.id,search.results,search.created\_on

FROM jobberland\_job AS j

INNER JOIN jobberland\_employer AS emp

ON j.fk\_employer\_id = emp.id

inner join jobberland\_category as cat

on j.var\_name=cat.id

inner join jobberland\_job2status as stat

on j.id=stat.fk\_job\_id

inner join jobberland\_job2type as type

on j.id=type.fk\_job\_id

inner join jobberland\_job\_status as jobstat

on stat.fk\_job\_status\_id=jobstat.id

inner join jobberland\_job\_type as jobtype

on type.fk\_job\_type\_id=jobtype.id

inner join jobberland\_education as edu

on fk\_education\_id=edu.id

inner join jobberland\_career\_degree as car

on fk\_career\_id=car.id

inner join jobberland\_experience as exp

on fk\_experience\_id=exp.id

inner join jobberland\_search as search

on j.id=search.results

inner join jobberland\_employee as

order by j.id

**Type 3: main:**

SELECT j.id,j.job\_ref,j.var\_name,job\_title,job\_description,job\_postion,j.city,

j.state\_province,j.country,fk\_education\_id,fk\_career\_id,fk\_experience\_id,

job\_salary,j.company\_name,j.company\_logo,j.contact\_name,contact\_telephone,j.site\_link,poster\_email,apply\_count,

job\_startdate,job\_enddate,cat.id,cat.cat\_name,stat.fk\_job\_id,stat.fk\_job\_status\_id,

type.fk\_job\_id,type.fk\_job\_type\_id,jobstat.id,jobstat.status\_name,jobtype.id,jobtype.type\_name,

edu.id,edu.education\_name,car.id,car.career\_name,exp.id,exp.experience\_name,

s.id,s.results,s.created\_on

FROM jobberland\_job as j

inner join jobberland\_search as s

on j.id=s.results

inner join jobberland\_category as cat

on j.var\_name=cat.id

inner join jobberland\_job2status as stat

on j.id=stat.fk\_job\_id

inner join jobberland\_job2type as type

on j.id=type.fk\_job\_id

inner join jobberland\_job\_status as jobstat

on stat.fk\_job\_status\_id=jobstat.id

inner join jobberland\_job\_type as jobtype

on type.fk\_job\_type\_id=jobtype.id

inner join jobberland\_education as edu

on fk\_education\_id=edu.id

inner join jobberland\_career\_degree as car

on fk\_career\_id=car.id

inner join jobberland\_experience as exp

on fk\_experience\_id=exp.id

inner join jobberland\_search as search

on j.id=search.results

order by j.id

**CV look up:type 1**

select c.id,c.cv\_title,c.cv\_description,cv\_file\_name,c.year\_experience,c.highest\_education,c.salary\_range,c.availability,

c.start\_date,c.positions,c.recent\_job\_title,c.recent\_employer,c.recent\_industry\_work,c.look\_job\_type,c.look\_job\_status,

c.city,c.state\_province,c.country,c.are\_you\_auth,c.willing\_to\_relocate,c.willing\_to\_travel,cv.cv\_id,cv.category\_id,

cat.id,cat.cat\_name

from jobberland\_cv\_detail as c

inner join jobberland\_cv\_look\_occupation as cv

on c.id=cv.cv\_id

inner join jobberland\_category as cat

on cv.category\_id=cat.id

**Type 2:**

select c.id,c.cv\_title,c.cv\_description,cv\_file\_name,c.year\_experience,c.highest\_education,c.salary\_range,c.availability,

c.start\_date,c.positions,c.recent\_job\_title,c.recent\_employer,c.recent\_industry\_work,c.look\_job\_type,c.look\_job\_status,

c.city,c.state\_province,c.country,c.are\_you\_auth,c.willing\_to\_relocate,c.willing\_to\_travel,cv.cv\_id,cv.category\_id,

cat.id,cat.cat\_name,j.id,j.var\_name,j.fk\_employer\_id,j.contact\_name,emp.id

from jobberland\_cv\_detail as c

inner join jobberland\_cv\_look\_occupation as cv

on c.id=cv.cv\_id

inner join jobberland\_category as cat

on cv.category\_id=cat.id

inner join jobberland\_job as j

on cv.category\_id=j.var\_name

inner join jobberland\_employer as emp

on j.fk\_employer\_id=emp.id

**Type 3:** Adding and dropping unique key:

To add unique:

alter table people add unique (eye\_color)

to drop unique:

ALTER TABLE user DROP INDEX username;

**Type 4: For job apply check**

select s.id,s.fk\_employee\_id,s.fk\_job\_id,s.date\_saved,emp.id,emp.fname,emp.sname,emp.email\_address,emp.phone\_number,j.id,j.fk\_employer\_id,e.id

from jobberland\_save\_job as s

inner join jobberland\_employee as emp

on s.fk\_employee\_id=emp.id

inner join jobberland\_job as j

on s.fk\_job\_id=j.id

inner join jobberland\_employer as e

on j.fk\_employer\_id=e.id