**ASSIGNMENT\_02**

**Q.1**

assignment\_2=# create table jobs("job\_id" integer , "job\_title" varchar(30) default ' ' , "min\_salary" integer default 8000 ,"max\_salary" integer default null);

CREATE TABLE

assignment\_2=# insert into jobs(job\_id , job\_title , min\_salary, max\_salary) values (001, 'developer',25000,30000);

INSERT 0 1

assignment\_2=# insert into jobs(job\_id , min\_salary, max\_salary) values (002 ,25000,30000);

INSERT 0 1

assignment\_2=# insert into jobs(job\_id , job\_title , max\_salary) values (001, 'web',30000);

INSERT 0 1

assignment\_2=# select \* from jobs ;

job\_id | job\_title | min\_salary | max\_salary

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

1 | developer | 25000 | 30000

2 | | 25000 | 30000

1 | web | 8000 | 30000

(3 rows)

**Q.2**

assignment\_2=# create table country("country\_id" integer, "country\_name" text ,"region\_id" integer , primary key (country\_id, region\_id));

CREATE TABLE

assignment\_2=# insert into country (country\_id, country\_name, region\_id) values (01,'ind',001);

INSERT 0 1

assignment\_2=# select \* from country

assignment\_2-# ;

country\_id | country\_name | region\_id

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

1 | ind | 1

(1 row)

assignment\_2=# insert into country (country\_id, country\_name, region\_id) values (01,'pak',001);

ERROR: duplicate key value violates unique constraint "country\_pkey"

DETAIL: Key (country\_id, region\_id)=(1, 1) already exists.

Q.3

assignment\_2=# create table country1("country\_id" serial primary key, "country\_name" varchar(20) default 'N/A' , "region\_id" integer default null);

CREATE TABLE

assignment\_2=# insert into country1 values (001,'india',2000);

INSERT 0 1

assignment\_2=# select \* from country

assignment\_2-# ;

country\_id | country\_name | region\_id

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

1 | ind | 1

(1 row)

assignment\_2=# insert into country1 ( region\_id ) values (3000);

INSERT 0 1

assignment\_2=# select \* from country1 ;

country\_id | country\_name | region\_id

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

1 | india | 2000

2 | N/A | 3000

(2 rows)