**Write a SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary and max\_salary, and make sure that, the default value for job\_title is blank and min\_salary is 8000 and max\_salary is NULL will be entered automatically at the time of insertion if no value assigned for the specified columns ?**

assignment\_2=# create table job (job\_Id integer , job\_title varchar(20) , min\_salary varchar(10), max\_salary varchar(10)

assignment\_2(# ) ;

CREATE TABLE

assignment\_2=# insert into job (job\_id , min\_salary) values('2','8000');

INSERT 0 1

assignment\_2=# select \* from job ;

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

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

2 | | 8000 |

(1 row)

**Write a SQL statement to create and insert a record into the table countries to ensure that, at country\_id and the region\_id combination will be entered once in the table?**

assignment\_2=# create table countries ( country\_id integer, country\_name varchar(10) ,country\_region varchar(10), PRIMARY KEY(country\_id, country\_region));

CREATE TABLE

assignment\_2=# insert into countries (country\_id ,country\_name ,country\_region) values('1','india', '302' );

INSERT 0 1

assignment\_2=# insert into countries (country\_id ,country\_name ,country\_region) values('1','america', '302' );

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

DETAIL: Key (country\_id, country\_region)=(1, 302) already exists.

**Write a SQL statement to create and insert records into the table countries to ensure that the country\_id column will not contain any duplicate data and this will be automatically incremented and the column country\_name will be filled up by 'N/A' if no value assigned to that column.**

assignment\_2(# country\_id serial PRIMARY KEY,

assignment\_2(# country\_name VARCHAR(10) DEFAULT 'N/A',

assignment\_2(# countary\_region VARCHAR(10)

assignment\_2(# );

CREATE TABLE

assignment\_2=# INSERT INTO countary(countary\_region) values('201');

INSERT 0 1

assignment\_2=# insert into countary(countary\_region) values('205');

INSERT 0 1

assignment\_2=# select \* from countary;

country\_id | country\_name | countary\_region

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

1 | N/A | 201

2 | N/A | 205

(2 rows)