Q1

postgres=# create database assignment\_1;

CREATE DATABASE

postgres=# \c assignment\_1

You are now connected to database "assignment\_1" as user "postgres".

assignment\_1=# create table countries ("country\_id" integer, "country\_name" text, "region\_id" integer);

CREATE TABLE

assignment\_1=# \d

List of relations

Schema | Name | Type | Owner

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

public | countries | table | postgres

(1 row)

assignment\_1=# \d countries

Table "public.countries"

Column | Type | Collation | Nullable | Default

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

country\_id | integer | | |

country\_name | text | | |

region\_id | integer | | |

Q 2

assignment\_1=# create table if not exists countries ("country\_id" integer, "country\_name" text, "region\_id" integer);

NOTICE: relation "countries" already exists, skipping

CREATE TABLE

assignment\_1=#

Q3

assignment\_1=# insert into countries (country\_id,country\_name,region\_id) values (1,'India',001), (2,'Australia',002), (3,'England',003);

INSERT 03

assignment\_1=# select \* from countries

assignment\_1-# ;

country\_id | country\_name | region\_id

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

1 | India | 1

2 | Australia | 2

3 | England | 3

(3 rows)

assignment\_1=# create table dup\_countries as table countries with no data;

CREATE TABLE AS

assignment\_1=# select \* from dup\_countries

assignment\_1-# ;

country\_id | country\_name | region\_id

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

(0 rows)

Q4

assignment\_1=# create table dup\_countries as table countries;

ERROR: relation "dup\_countries" already exists

assignment\_1=# create table dup\_countries2 as table countries;

SELECT 3

assignment\_1=# select \* from dup\_countries2

assignment\_1-# ;

country\_id | country\_name | region\_id

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

1 | India | 1

2 | Australia | 2

3 | England | 3

(3 rows)

Q5

assignment\_1=# create table countriesp (country\_id integer primary key, country\_name text ,region\_id integer);

CREATE TABLE

assignment\_1=# insert into countriesp values (1,'India',1), (2,'Australia',2);

INSERT 0 2

assignment\_1=# insert into countriesp values (1,'Pak',3);

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

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

assignment\_1=#