**Write a SQL statement to create a simple table countries including columns country\_id,country\_name and region\_id.**

dbms\_ass1=# create table countries( country\_id integer,country\_name text,region\_id varchar(10));

CREATE TABLE

dbms\_ass1=# \d countries

Table "public.countries"

Column | Type | Collation | Nullable | Default

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

country\_id | integer | | |

country\_name | text | | |

region\_id | character varying(10) | | |

**Write a SQL statement to create a simple table countries including columns country\_id, country\_name and region\_id which already exist.**

dbms\_ass1=# create table if not exists countries( country\_id integer,country\_name text,region\_id varchar(10));

NOTICE: relation "countries" already exists, skipping

CREATE TABLE

dbms\_ass1=# \d countries

Table "public.countries"

Column | Type | Collation | Nullable | Default

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

country\_id | integer | | |

country\_name | text | | |

region\_id | character varying(10) | | |

**Write a SQL statement to create the structure of a table dup\_countries similar to countries.**

dbms\_ass1=# create table dup\_countries as select \* from countries with no data;

CREATE TABLE AS

dbms\_ass1=# \d dup\_countries;

Table "public.dup\_countries"

Column | Type | Collation | Nullable | Default

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

country\_id | integer | | |

country\_name | text | | |

region\_id | character varying(10) | | |

**Write a SQL statement to create a duplicate copy of countries table including structure and data by name dup\_countries.**

dbms\_ass1=# create table if not exists dup\_countries as select \* from countries;

NOTICE: relation "dup\_countries" already exists, skipping

CREATE TABLE AS

dbms\_ass1=# \d dup\_countries;

Table "public.dup\_countries"

Column | Type | Collation | Nullable | Default

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

country\_id | integer | | |

country\_name | text | | |

region\_id | character varying(10) | | |

Write a SQL statement to create a table named countries, including country\_id, country\_name and region\_id and make sure that no duplicate data against column country\_id will be allowed at the time of insertion.

dbms\_ass1=# alter table countries

dbms\_ass1-# add constraint constraint\_name

dbms\_ass1-# PRIMARY KEY (country\_id);

ALTER TABLE

dbms\_ass1=# \d+ countries;

Table "public.countries"

Column | Type | Collation | Nullable | Default | Storage | Compression | Stats target | Description

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

country\_id | integer | | not null | | plain | | |

country\_name | text | | | | extended | | |

region\_id | character varying(10) | | | | extended | | |

Indexes:

"constraint\_name" PRIMARY KEY, btree (country\_id)

Access method: heap