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DBMS ASSIGNMENT 3

1.Write a SQL statement to rename the table countries to country\_new.

Here is the list of tables. tablename | tableowner

orders | postgres

employees | postgres

job\_history | postgres

jobs | postgres

locations | postgres

regions | postgres

countries | postgres

Ans:- alter table countries rename to country\_new; select \* from country\_new;

2.Write a SQL statement to add a column region\_id to the table locations. Here is the structure of the table locations

postgres=# \d locations Column | Type | Modifiers

location\_id | numeric(4,0) |

street\_address | character varying(40) |

postal\_code | character varying(12) |

city | character varying(30) |

state\_province | character varying(25) |

country\_id | character varying(2) |

Ans:- create table locations(location\_id numeric(4,0),street\_address varchar(40),postal\_code varchar(12),city varchar(30),state\_province varchar(25),country\_id varchar(2));

select \* from locations;

alter table locations add column region\_id integer;

3.Write a SQL statement to change the data type of the column region\_id to text in the table locations.

alter table locations alter region\_id type text;

4.Write a SQL statement to drop the column city from the table locations. alter table locations drop column city;

5.Write a SQL statement to add a primary key for the columns location\_id in the locations table. Here is the structure of the table locations.

postgres=# \d locations

Column | Type | Modifiers

alter table locations add primary key(location\_id)