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

assignment\_1=# alter table countries rename to country\_new;

ALTER TABLE

assignment\_1=# create table locations (city varchar(30),postal\_code numeric(6),street\_add varchar(40));

CREATE TABLE

assignment\_1=# select \* from locations

assignment\_1-# ;

city | postal\_code | street\_add

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

(0 rows)

**Q.2 Write a SQL statement to add a column region\_id to the table** locations.

assignment\_1=# alter table locations add column region\_id integer;

ALTER TABLE

assignment\_1=# select \* from locations;

city | postal\_code | street\_add | region\_id

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

(0 rows)

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

assignment\_1=# \d locations

Table "public.locations"

Column | Type | Collation | Nullable | Default

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

city | character varying(30) | | |

postal\_code | numeric(6,0) | | |

street\_add | character varying(40) | | |

region\_id | integer | | |

assignment\_1=# alter table locations alter column region\_id type text;

ALTER TABLE

assignment\_1=# \d locations

Table "public.locations"

Column | Type | Collation | Nullable | Default

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

city | character varying(30) | | |

postal\_code | numeric(6,0) | | |

street\_add | character varying(40) | | |

region\_id | text | | |

**Q.4 Write a SQL statement to drop the column city from the table locations.**

assignment\_1=# \d locations

Table "public.locations"

Column | Type | Collation | Nullable | Default

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

city | character varying(30) | | |

postal\_code | numeric(6,0) | | |

street\_add | character varying(40) | | |

region\_id | text | | |

assignment\_1=# alter table locations drop column city;

ALTER TABLE

assignment\_1=# \d locations

Table "public.locations"

Column | Type | Collation | Nullable | Default

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

postal\_code | numeric(6,0) | | |

street\_add | character varying(40) | | |

region\_id | text | | |

**Q.5 Write a SQL statement to add a primary key for the columns location\_id in the locations table.**

assignment\_1=# alter table locations add column location\_id integer primary key;

ALTER TABLE

assignment\_1=# \d locations

Table "public.locations"

Column | Type | Collation | Nullable | Default

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

postal\_code | numeric(6,0) | | |

street\_add | character varying(40) | | |

region\_id | text | | |

location\_id | integer | | not null |

Indexes:

"locations\_pkey" PRIMARY KEY, btree (location\_id)