SQL Basics Assignment

Q1)Create a CITY table with the following column.

The **CITY** table is described as follows:

CITY

Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

Query all columns for all American cities in the **CITY** table with populations larger than 100000. The **CountryCode** for America is USA.

Sample input:

3878	Scottsdale	USA	Arizona	202705
3965	Corona	USA	California	90000
3973	Concord	USA	California	121780
3977	Cedar Rapids	USA	Iowa	120758
3982	Coral Springs	USA	Florida	87456

Sample output:

3878	Scottsdale	USA	Arizona	202705
3973	Concord	USA	California	121780
3977	Cedar Rapids	USA	Iowa	120758

Q2) Query the total population of all cities in CITY where District is California

The **CITY** table is described as follows:

CITY

Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

Sample input:

3878	Scottsdale	USA	Arizona	202705
3965	Corona	USA	California	90000
3973	Concord	USA	California	121780
3977	Cedar Rapids	USA	Iowa	120758
3982	Coral Springs	USA	Florida	87456

Sample output:

211780

Q3) Query the average population for all cities in CITY, rounded down to the nearest integer.

The **CITY** table is described as follows:

CITY

Field	Type
ID	NUMBER
NAME	VARCHAR2(17)
COUNTRYCODE	VARCHAR2(3)
DISTRICT	VARCHAR2(20)
POPULATION	NUMBER

Sample input:

3878	Scottsdale	USA	Arizona	202705
3965	Corona	USA	California	90000
3973	Concord	USA	California	121780
3977	Cedar Rapids	USA	Iowa	120758
3982	Coral Springs	USA	Florida	87456

Sample output:

124540