--The table entry was done on the online editor, but I did not include in my final script, since rerunning it would say “table already exists”.

/\*\*SQL\*\*/

/\*\* Part 2B\*\*/

--Replacing Null values with the median of that column

UPDATE Mytable

SET under\_5\_Mortality = (select Median( under\_5\_Mortality) from Mytable)

WHERE under\_5\_Mortality = '??';

UPDATE Mytable

SET Infant\_Mortality = (select Median(Infant\_Mortality) from Mytable)

WHERE Infant\_Mortality = '??';

UPDATE Mytable

SET Neonatal\_Mortality = (select Median(Neonatal\_Mortality) from Mytable)

WHERE Neonatal\_Mortality = '??';

-- Part 2C1

SELECT \* FROM Mytable;

-- Part 2C2

-- Which years have the lowest and highest infant mortality years, respectively?

SELECT Year

FROM Mytable

WHERE infant\_Mortality = (SELECT min(infant\_Mortality) FROM Mytable);

SELECT Year

FROM Mytable

WHERE infant\_Mortality = (SELECT max(infant\_Mortality) FROM Mytable);

-- Part 2C3: In what years the neonatal mortality rates were above average?

SELECT Year

From Mytable

WHERE Neonatal\_Mortality > (SELECT avg(Neonatal\_Mortality) FROM Mytable);

-- Part 2C4: Display the sorted infant mortality rates in descending order

SELECT Infant\_Mortality

From Mytable

order by infant\_Mortality desc;

-- Part 2C5: Display min, max, mean, variance, and standard deviation for each mortality rate.

Select min(under\_5\_Mortality), max(under\_5\_Mortality), Round(AVG(under\_5\_Mortality),1), Round(variance(under\_5\_Mortality),1), Round(stdev(under\_5\_Mortality),1)

from Mytable;

Select min(Infant\_Mortality), max(Infant\_Mortality), Round(AVG(Infant\_Mortality),1), Round(variance(Infant\_Mortality),1), Round(stdev(Infant\_Mortality),1)

from Mytable;

Select min(Neonatal\_Mortality), max(Neonatal\_Mortality), Round(AVG(Neonatal\_Mortality),1), Round(variance(Neonatal\_Mortality),1), Round(stdev(Neonatal\_Mortality),1)

from Mytable;

-- Part 2C6: Add a new column called Above-Five Mortality Rate and populate it with appropriate values. Hint: Use Alter Table Add Column

--THis line below seemed necessasry, but was causing an error on my final run, so its possible the next line makes the column also.

--ALTER TABLE Mytable

--ADD Above\_5\_Mortality numeric();

Update Mytable

Set Above\_5\_Mortality = Round(100 - under\_5\_Mortality,1);

SELECT \* FROM Mytable;