Create a project outline (length of ½ to 1 page) that includes the following:  
**- Your name   
- The Dataset’s Title**  
**- Motivation:** A section describing your interests in the data. It can be as general as you want (discussion of the entire topic, or more specific discussion of the dataset)  
**- Data Description:** A paragraph or two indicating i. where the dataset was located online (or elsewhere, if you are using custom data of your own) ii. What the variables of the dataset that you are interested in representing (again, if you are using kaggle.com a description of this information should be available), and iii. any steps you took to modify it in order to load it into the ASList(R) structure, including the attribute/column and direction you selected for sorting the data.

Hello, my name is Jenerth Rodriguez, I chose the covid cases register in 2020 from the first four country ascending in alphabetic order. I chose this topic because I want to know how many cases had been register for covid 19 in 2020 in each country around the world. Covid 19 was one of the most devastating crises in the last 20 years, many people lost the battle against this virus, many heads of families lost their job. Hospital and health worker were overcapacity and working 24/7. I found my dataset from ‘www.kaggle.com’ A new coronavirus designated 2019-nCoV was first identified in Wuhan, the capital of China's Hubei province People developed pneumonia without a clear cause and for which existing vaccines or treatments were not effective. The virus has shown evidence of human-to-human transmission rate (rate of infection) appeared to escalate in mid-January 2020. As of 30 January 2020, approximately 8,243 cases have been confirmed. I chose **country\_wise\_latest.csv** - Latest country level no. of cases but I named different “covid cases” to easily read.

I modified the ASListR.h changing the name of the struct, naming ‘Covid\_cases’ to get a clean code and anyone can understand what this struct has on it. I rename m function ‘PutItem’ to ‘Covid\_cases’ that way I can put print what is inside my csv file. In my ASListR.cpp, I constructed a list has 0 elements and define the max of the array with MAXZISE = arraysize.