

Coronavirus recovery tracker and inspirational quotes in python

What the program will do

The program will display the amount of people who recovered in Canada every fifteen minutes. It will also display how many recovered since the program was opened. This number will be matched with an inspirational quote with the intent of helping soothe someone's anxiety about the virus.

How will it work

The program will be taking information from the JSON file of an API called COVID-19 data from rapidapi.com. This api shows the amount of cases, the amount recovered, and other coronavirus information that can be taken by country. For our program we will be getting the information by querying the api for recoveries in Canada.

We will then display the number of recovered patients along with an inspirational quote that we randomize by first populating a list of inspirational quotes as string objects, then using randint() to randomly obtain the index of the quote.

This program will also display the amount of people recovered since the program was launched. This is done by taking the amount of people recovered in the first call of the program and storing it into a variable, and then taking the difference between each individual call and the first call.

What the goal of the program is

With there being a lot of fear being spread in the media, a lot of people are starting to get anxious about the virus. Instead of focussing on the deaths, politics, and problems of the virus, this program will be looking at the positive statistics of the situation. I am hoping with this program it can ease the minds and hearts of those people.