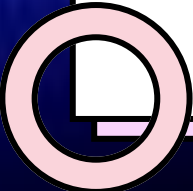




# TEAM MCJ

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# VIRUS TRACKING

- TRACKING THE NUMBER OF NEW CASES, ACTIVE CASES, DEATH CASES, AND TOTAL CASES FOR A CERTAIN POPULATION
- WE USED THE GIVEN .TXT FILE TO MAKE A .CSV FILE TO ALLOW US TO PERFORM CALCULATIONS ON IT



# ○ Application's Programming

- We used Java to convert the .txt file to .csv. We had to arrange the file to get rid of the symbols (“[]”, ” ’ ’ ”, etc..) to arrange the file properly
- Used python to make the GUI that presents the map of the world with circles on it that represent the number of cases and the color of the circles represent the rate of cases to the total population



# ○ How the application works

- Our application shows the country information as it is hovered over which makes it simpler for the user to see the information
- Our application can also sort the countries depending on different factors such as "total cases", etc...
- This shows depending on the initial given data and the data retrieved from the internet



# ○ Process

- The team started off by splitting the tasks into three main parts:
  - Handling the data to be processed in the files
  - GUI-map: Handling creating the map and linking it to the CSV file
  - GUI-Central: Allowing for the sorting and displaying of the countries
- The team then worked on combining the different codes in the different areas of work to form the final application as presented





Thank you for your time

