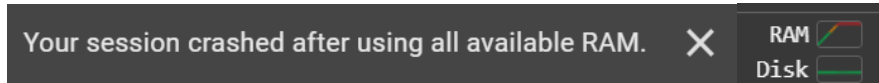


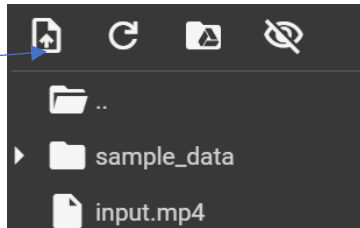
CogniAble Assignment Report

--Everything is done in G-Colab environment--

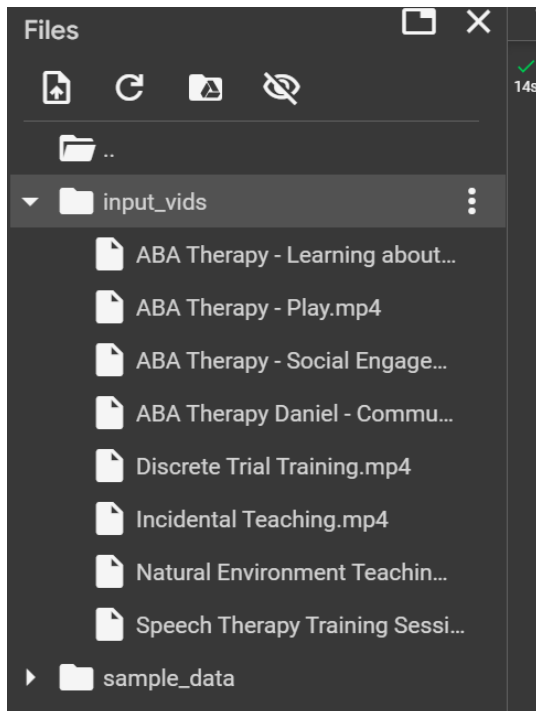
Make sure T4 GPU is on or else this message will pop up and your session will crash on main function



There is no need to download and insert the input video on colab like this



In the directory input_vids, all the videos are downloaded already after running the cell.



Note that you will have to enter the api_keys of the pre-trained roboflow models I have provided you below, or else my api_quota will end in no time. Replace YOUR_API_KEY with your api key models:

emotion detection: <https://universe.roboflow.com/yq-lee-md1y8/emotion-object-detecting>

gaze tracking:

Object Interaction Detector:

Although you will not need to refer this report again and again since the code is all guided with comments throughout. **Actual Code starts from "Saving all Youtube Videos" Text.** To run the entire code and generate output, simple run all code after making the necessary directories