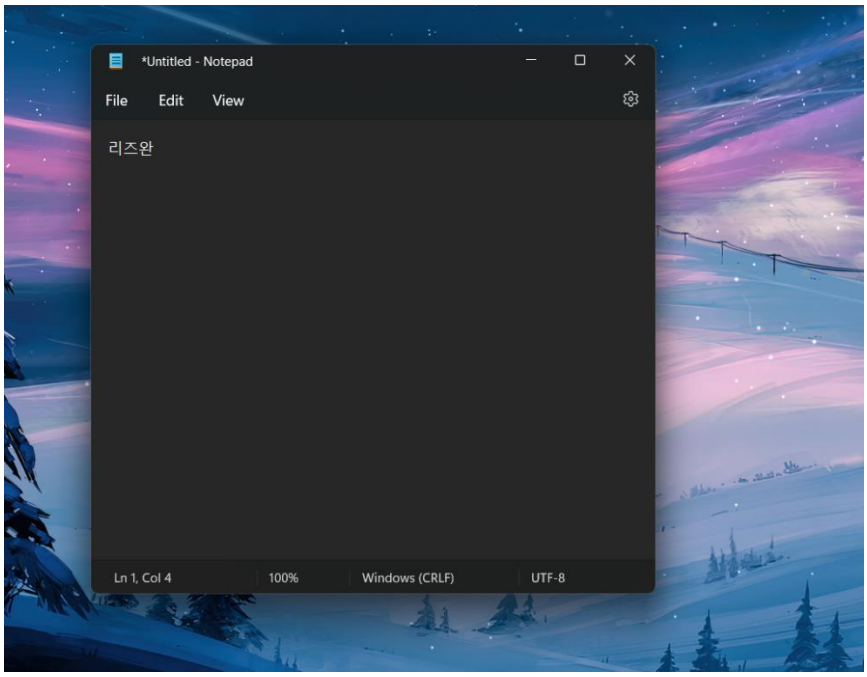
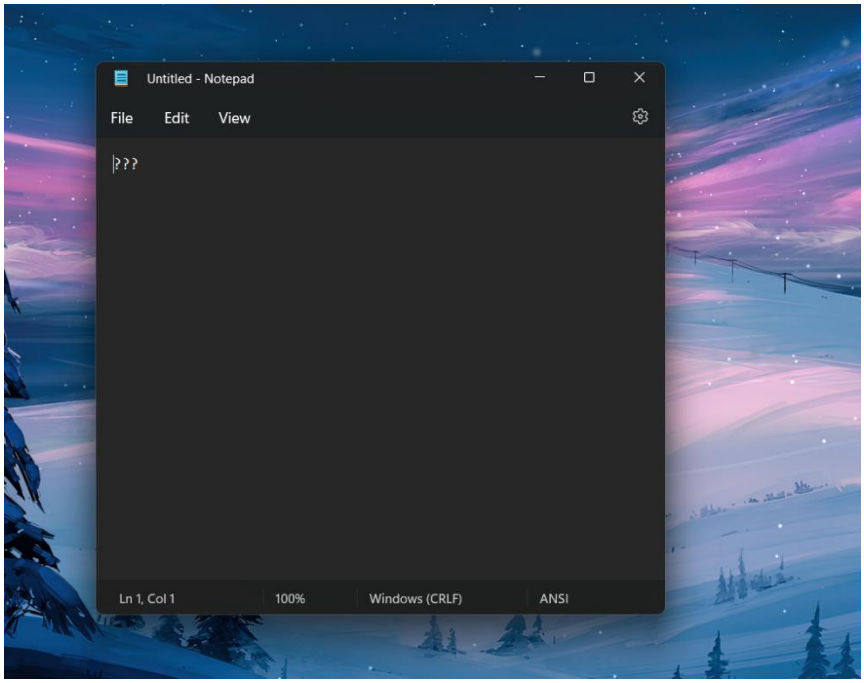
Rizwan Hussain
19BCE2446
Tasks 1-5

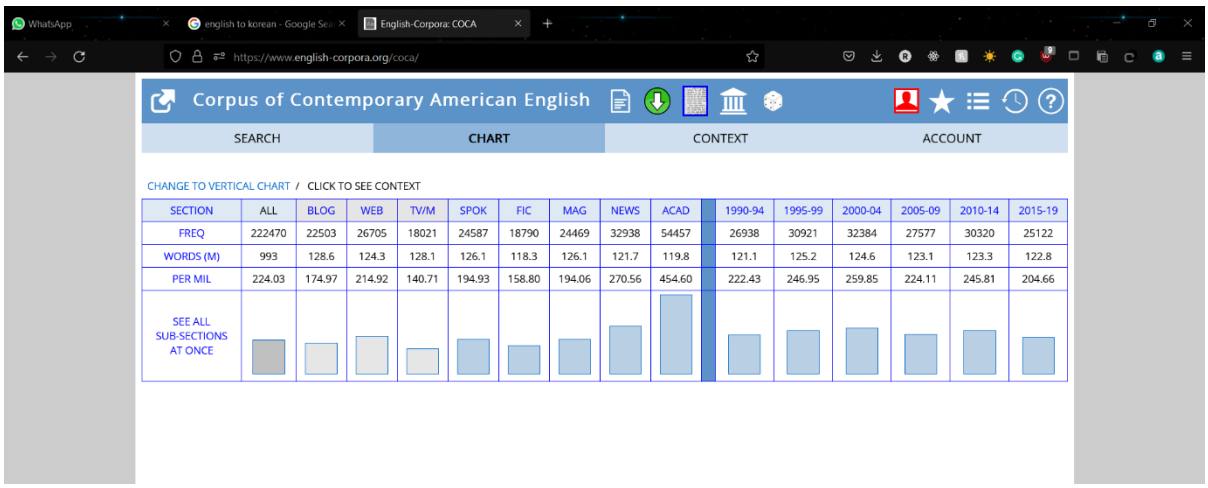
1. Task- 1: Encoding





2. Task- 2: COCA and Concordance

Word searched: Music



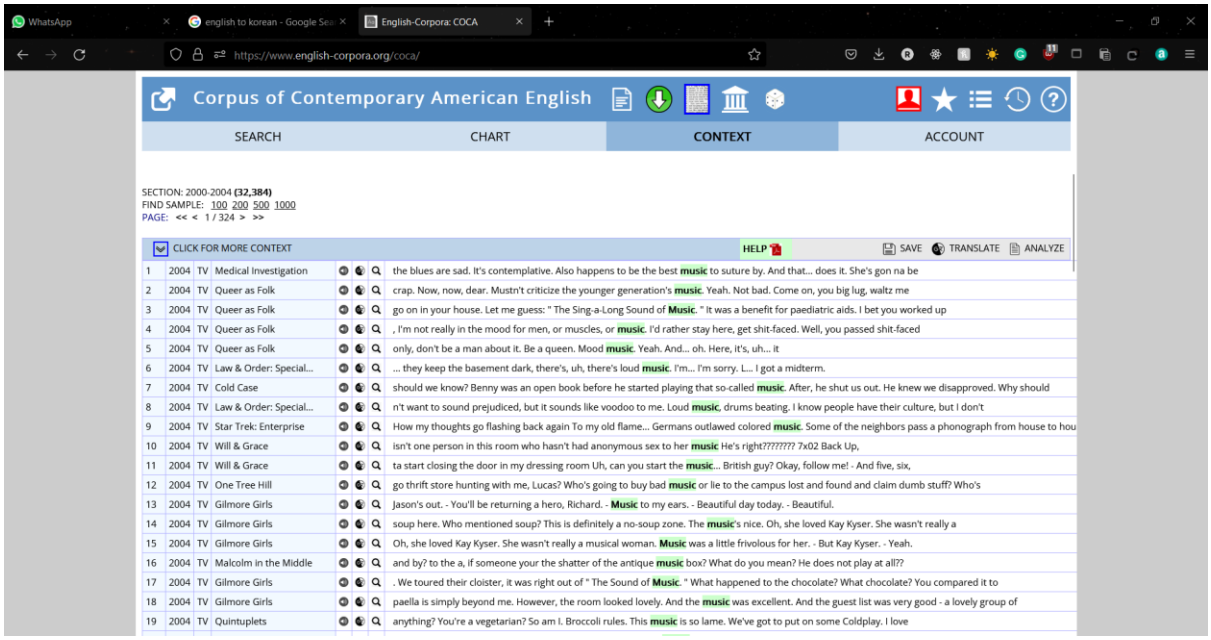
SECTION	ALL	BLOG	WEB	TV/M	SPOK	FIC	MAG	NEWS	ACAD	1990-94	1995-99	2000-04	2005-09	2010-14	2015-19
FREQ	222470	22503	26705	18021	24587	18790	24469	32938	54457	26938	30921	32384	27577	30320	25122
WORDS (M)	993	128.6	124.3	128.1	126.1	118.3	126.1	121.7	119.8	121.1	125.2	124.6	123.1	123.3	122.8
PER MIL	224.03	174.97	214.92	140.71	194.93	158.80	194.06	270.56	454.60	222.43	246.95	259.85	224.11	245.81	204.66
SEE ALL SUB-SECTIONS AT ONCE															

From the above data and frequency graphs, we can tell that music is something that people have been talking about a lot since the 1990's.

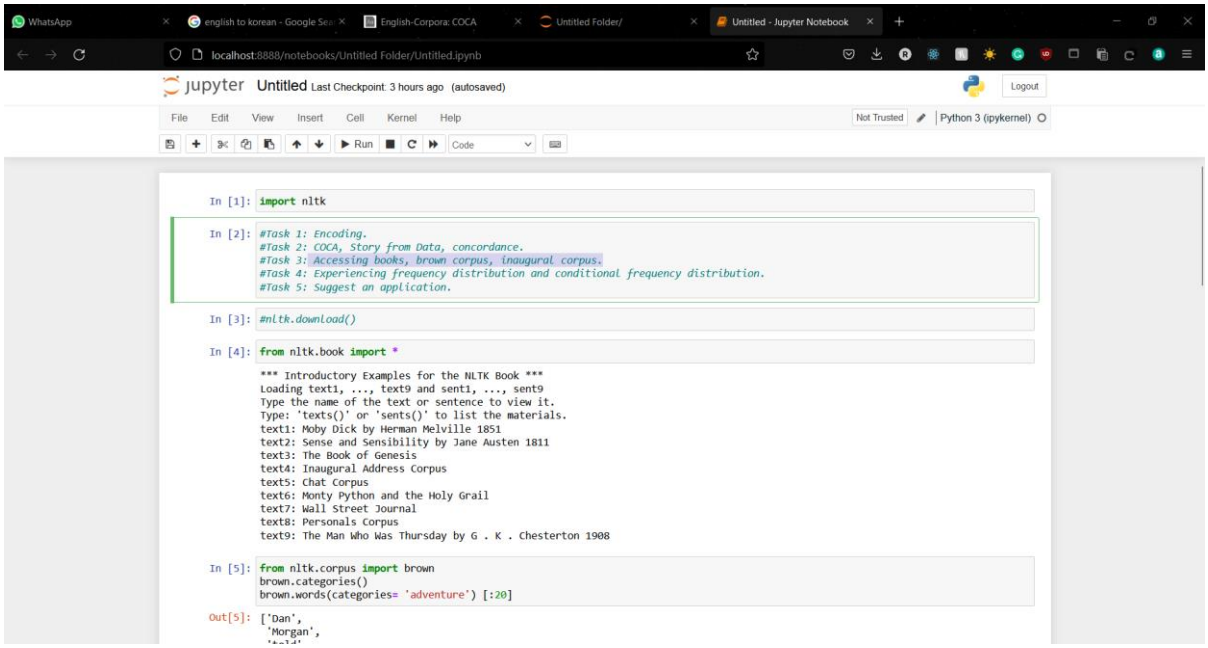
The frequency increased for a while up until 2004 as at the time a lot of new music was coming into the scene. There was the introduction of the revolutionary "electronic music". A prominent presence from Daft Punk had shifted a lot of waves and more and more people were getting into music because of their style and genre. They had released their second album during 2001 which made a lot of people talk about music and the impact that electronic music could have in music. A lot of analog "synths" and such were being introduced and popularized in the music scene.

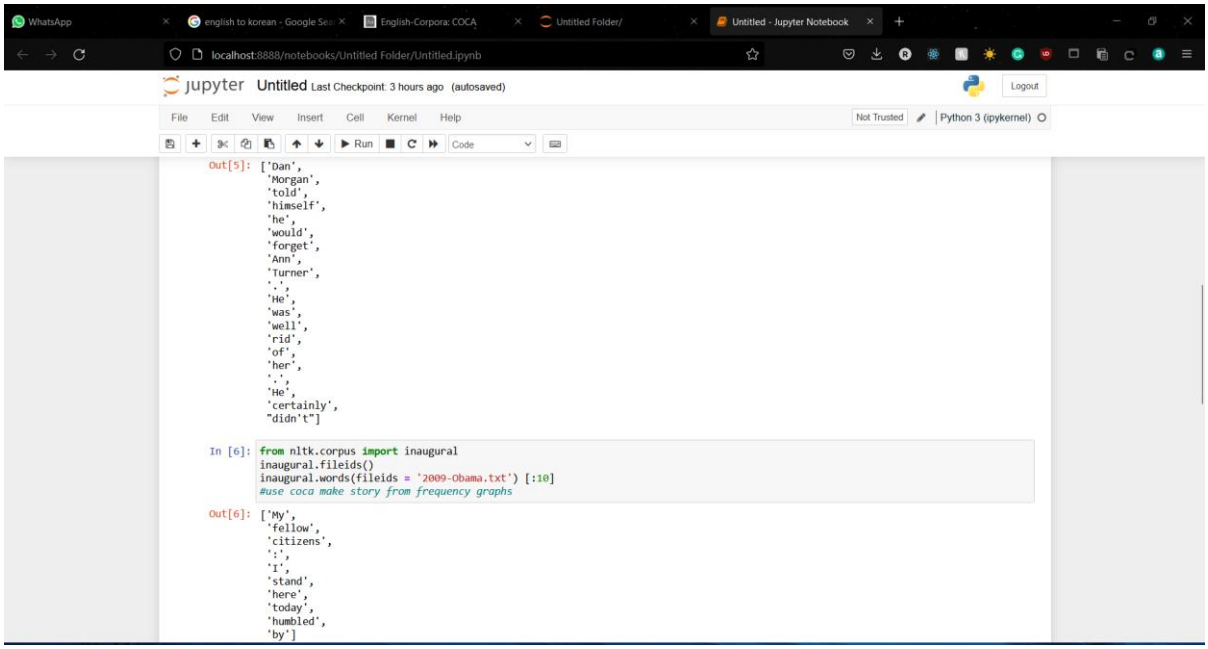
Then again there was a dip in the frequency in the 2005-2009 era due to a lot of the music becoming repetitive and stale but since music is something that is always changing and being revolutionized it picked back up soon.

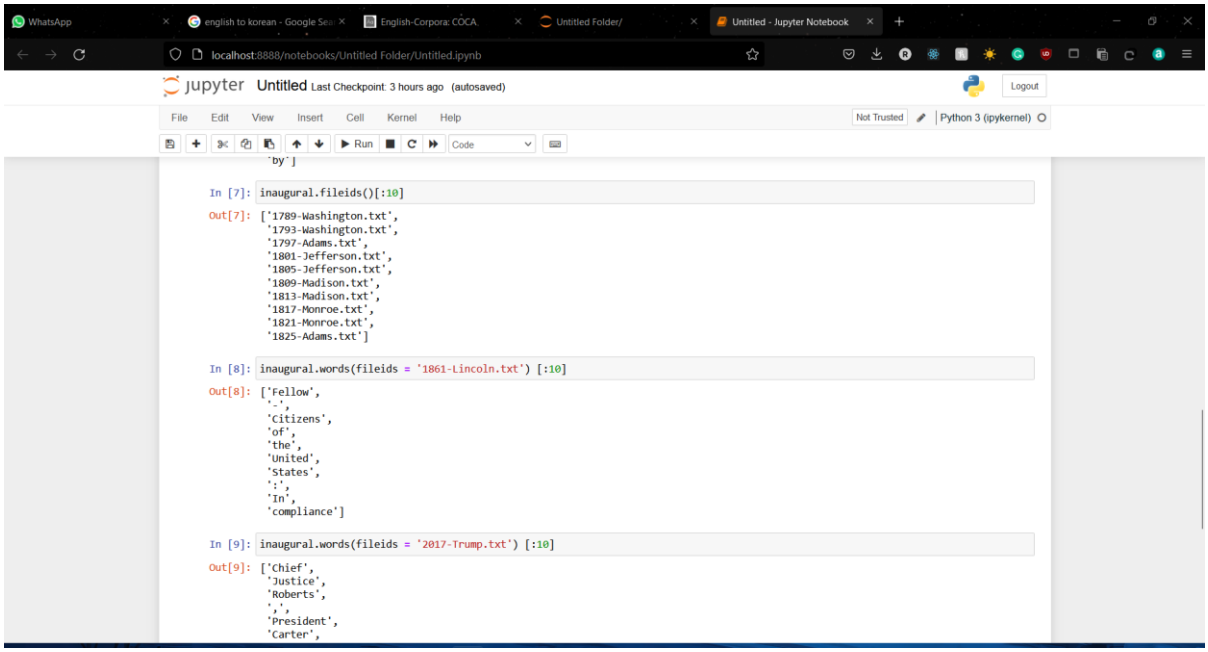
Concordance



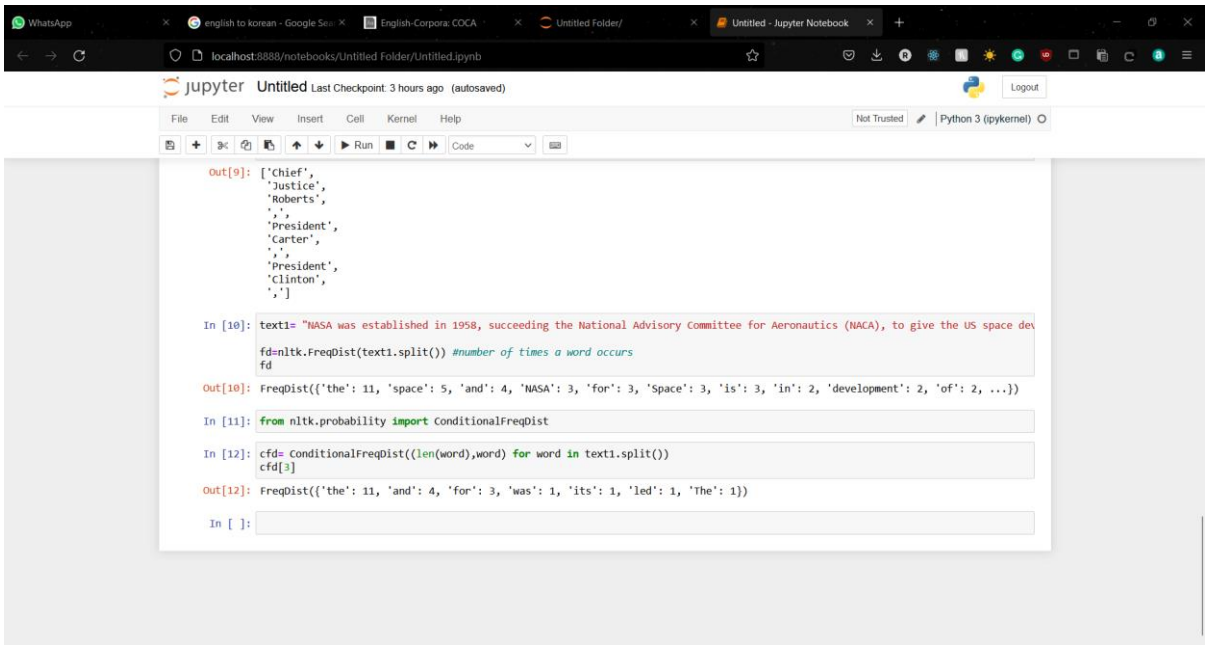
3. Task- 3: Accessing books, brown corpus, inaugural corpus







4. Task- 4: Experiencing frequency distribution and conditional frequency distribution



5. Task- 5: Suggest an application

We can use corpus to do any kind of research necessary to make a database about any kind of topic that we like and based on a certain type of media, for example TV, we can make a list of sources that talked about that specific topic and use that data for any kind of project necessary, for example an NLP Project.

We can also type in specific searches like crime in a specific city and if there appears to be a rise in the frequency of mentions, we can make a conclusion saying that crime in that area must have increased for people to be talking about it so much and try creating awareness.