***REFLECTIVE ESSAY ON CLASS III, IV AND V***

In the preceding weeks we learnt about the **Version Control System (VCS)** in *GIT*. It is basically a software tool that helps to manage changes to source code over time. It tracks every modification made my developers, allowing teams to collaborate efficiently without overwriting each other’s work. It’s significance includes:

1. Tracking Changes : VCS keeps a record of every change made to the code, including who made the change and when it was made.
2. Collaboration : Multiple developers can work on the same project simultaneously without conflicts, as VCS helps merge changes and resolve conflicts.

Moreover, we also learnt about the **Index Thomisticus**. It was a digital humanities project in the 1940s that created a concordance to 179 texts centering around *Thomas Aquinas*. Led by *Roberto Busa*, the project indexed 10,631,980 words over the course of 34 years, initially onto **punched cards**. It is considered a pioneering begun project in the field of digital humanities.  **Humanities computing** is a practice of representation, a form of modeling or, as Wallace Stevens has it, mimicry. It is also (as Davis and his co-authors put it) a way of reasoning and a set of ontological commitments, and its representational practice is shaped by the need for efficient computation on the one hand, and for human communication on the other. Also to be more precise the *shift from “humanities computing” to “digital humanities”* reflects broader changes in the field and its scope.  Humanities computing originally focuses on using computers for specific tasks like text analysis and data processing. Digital humanities, however, encompasses a wider range of activities, including digital publishing, multimedia projects, and interactive applications. Also digital humanities emphasizes collaboration between humanities scholars and experts in fields like computer science, design, and information technology. This interdisciplinary approach has broadened the field’s horizons.

As we were asked to gain knowledge on the *topic whether programming is a way opener to jobs?* To which we found that programming/ coding ranks among the most in-demand job skills. If we know how to code, we could find success in a range of jobs both in and out of the tech industry. We also learnt about **METADATA**, i.e., data about data. It is a description and context of the data which helps to organize, find and understand the raw data. Metadata can include information such as how the data was created, when it was created, why it was created, who created it and where it was created. We also acquired the skill of using **n- grams** which is a connected string of N number of items from a sample of text or speech. N – grams are basically a set of words, or communications oof words, broken out by the number of words in that communication. They are extensively used in text mining and natural language processing tasks. We learnt its basics with the help of the basic examples, i.e., **Humanities and Computers and Humanities in Computers**. Along with all these we also learnt about a new social media application SLACK. It is a messaging app for work purposes mainly that connects people to the information they need. It is a workplace communication tool that provides a single place for messaging, tools and files. It is a cloud-based team communication platform developed by Slack Technologies which has been owned by Salesforce since 2020. Slack uses a **freemium model.**

Furthermore, we also explored **TIMELINE** which is a platform to publish our researched data by filling it in google sheet format with respect to the year and dates, the timeline, arranges all this data in ascending order of the time and years. After computing it showcases the data like a story of evolution of the specific data that we published. We are also given options to add images and some notes describing about the topic. So, to summarize we can put across all the new informative learnings which are very much beneficial in our long run.