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Ruby Presentation Report

Report:

The main objective of this project was to learn more about the functions of the Ruby programming language and why the language is as popular as it is. Students were split into groups and were tasked with researching the language, figuring out how it works, and how the language came to importance. Since Ruby is much newer compared to COBOL, talking about the future of this language is much easier, as it is still in use today.

Project Description:

We were tasked with developing a sample of code in order to showcase the potential of Ruby. Other tasks included learning about the history of the language, how the language evolved over time, and a look into the trends pattern through Google Trends and TIOBE. We were also told to search for primary functions of each language, and some features that only Ruby could work on.

Process Description/Role of Team:

Vishnu worked on the history slides and added a TIOBE graph of Ruby’s usage. Ojonugwa added to the history section, wrote the conclusion, and added the Google Trends graph about Ruby’s usage. Verena described the range of use of Ruby and talked about the main features of the language. Payal wrote and implemented the code that was used to show off how Ruby works. She developed a program that allows you to input a number, n, and the program will return that number in the Fibonacci sequence. For example, if you input 8, the program returns 21, as that is the 8th number in the Fibonacci sequence. I talked about the exclusive features of Ruby and how they are important. On the presentation day, Payal and Vishnu were absent, so their parts of the presentation were split between Ojonugwa and me.

Project Presentation:

The project can be viewed at <https://github.com/nval98/CS-361-611-Work/blob/master/Ruby%20Presentation.pptx>.. You may need to click “view raw” on the bottom of the screen if the PowerPoint link does not appear on the screen. The PowerPoint will be downloaded to your computer.

Project Presentation Video:

No video for this one, but the code can be viewed and tested on at <https://repl.it/repls/HotpinkFixedBracket>

Evaluation:

There were practically no issues when it came to us working together as a group. Learning from the mistakes of the first project, we had a sample of our code ready but forgot to make a video out of it. That code can be viewed on the above link, though.

In terms of Ruby, it is a programming language that is still used today, and for good reason. The language does not take a lot of skill to learn and can be picked up by any person who is willing to learn it. The language will likely stick around for a long time as long as it continues to be updated in order to remain current.