***Think about an academic subject that inspires you. Describe how you have furthered this interest inside and/or outside of the classroom. (350 words)***

I've never liked learning languages. Although I speak three languages—English, Indonesian, and Mandarin—I have always had trouble remembering the words or crafting lovely sentences. But with computer languages, this isn't the case. I have always felt a personal connection with computers. We seem to have a similar predilection for straightforward, literal language that is conveyed methodically. As a result, I thoroughly enjoyed learning computer languages and sometimes even preferring them rather than speaking with people.

I still remember the first time my class was tasked to code a HTML website. The significant quantity of work felt overwhelming to the entire class, but I managed to find joy in it. I thought of programming as a way to converse with computers. I felt as though I was speaking to them every time I ran a line of code since they would always answer with an error that invited me to fix. I also saw it as a game where the goal was to produce a usable product while figuring out the mysteries behind the line of code's faults. It was also then that I realised the limitless potential of computers. As someone who enjoys talking to computers, I felt a sense of responsibility to nurture those computers into something capable of changing the world for the better.

Later on, I decided to learn more about computer languages. I started studying css and javascript to supplement my basic knowledge on html while developing some websites along the way. Css allows for a more attractive, fluid, and interactive web, while Javascript unlocked my capabilities to code sophisticated interactions between website elements. Moving on, I started to learn about databases alongside the basics of SQL language to manage and manipulate data there. I implemented my studies to help make a small database for my parent’s architectural firm, making it easier for data to be retrieved through queries. Lastly, I got interested in learning python, a more generic programming language. I took online courses on this language and attended a workshop to understand the fundamentals. These languages grew on me the more I learnt about them. I intend to continue learning computer language in order to create something that will significantly benefit society.