**CHAPTER - 1**

**INTRODUCTION**

I studied various language and find it hard to understand why simple stuff has to be complicated. I understand that languages grow gradually but most languages we see today still had a huge gap between coder to non-coder. We need to reduce the language line of codes and still making it readable. All of these stuff could be done by if language developer understand the need of time. I started with c++ and combined with java, python, ruby, matlab, html, css, js and other scripting languages to take the best out and still perform the best. All of these stuff can be combined but the condition is we should not loose speed and still make the language general for all.

To be begin with I find java and c++ are almost equivalent but c++ has much flexibility and java have strong concepts of security. Further c++ is close to hardware and java is still far. But we can overcome that. Matlab on other hand is a nice language and have a huge library support but most of the time software is slow and heavy. I find that if focusing on Matlab library then many parts of both java and C++ could be built. Newer language like python and Rubby are good for machine learning.