Figure 1: Java Logo

1 JAVA

1.1 History

Java is a programming Language that was created/developed by JAMES GOSLING. He with Mike Sheridan and Patrick Naughton (Green Team) initiated the **Java** Language project in June 1991.It was initially called GREENTALK the it was changed to OAK then finally textbfJAVA in 1995.It was initially designed for small, embedded systems.

1.2 Applications that use Java

Gaming applications like Minecraft, Desktop applications, enterprise applications, software tools, weband application servers etc.

1.3 IDE's used in Java

IntelliJIDEA, Visual Studio, Xcode, Eclipse, NetBeans, AWS Cloud9, Amazon Corretto etc.

1.4 Related Programming Languages

1. Python

2. JavaScript

3. PHP

4. Ruby

Figure 2: HTML Logo

2 HTML

2.1 History

HTML (Hyper Text Markup Language) was created by TIM BERNERS in 1991, but was officially published on 1995 as **HTML** 2.O.**HTML** 4.01 was published in 1999 and **HTML** 5.0 was published in 2012. HTML is a markup language that's allows users to create websites easily and efficiently.

2.2 Applications that use HTML

- WordPad

- Notepad

- BBE edits

- Pico Emacs

2.3 Some IDE's used in HTML

Visual Studio Code, Light Table, NetBeans, Brackets, Komodo Edit, PyCharm etc.

2.4 Related Programming Languages

1. Java

2. JavaScript

3. XHTML

JavaScript

Figure 3: JavaScript Logo

3 JAVASCRIPT

3.1 History

JavaScript was developed by Brenden Eich in 1995. It was created from Netscape 2 and later became the ECMA-262 in 1997. After Netscape handed **JavaScript** over to ECMA, the Mozilla foundation continued to develop **JavaScript** for the different applications.

3.2 Applications that use JavaScript

- Mozilla FireFox

- Internet Explorer

- Gaming Applications

- Presentation applications

3.3 Some IDE's used in JavaScript

Webstorm, AWS Cloud9, SourceLiar etc.

3.4 Related Pragramming Languages

1. C++

2. D

3. GraphQL

4. Ruby

Figure 4: Python Logo

4 PYTHON

4.1 History

Python is an integrated high level language developed by by GUIDO VAN
ROSSUM in the 1980s. It is a programming language that is used to make or
develop websites, analyze data and visualize data.

4.2 Applications that make use of Python

- Gaming applications

- Email

4.3 Some IDE's used in Python

PyCgarm, Kite, Spyder, Sublime Text 3 etc.

4.4 Related Programming Languages

1. Ruby

2. Javascript

3. CoffeeScript

4. D

Figure 5: C++ Logo

5   C++

5.1   History

C++ was developed by BJARNE STROUSTRUP at Bell Laboratories in 1979. It was formally called 'C with objects' but was later changed to **C++** in 1983. This is because it is mainly adding object oriented features to C.

5.2   Applications that use C++

- Adobe
- MYSQL server
- Some browsers

5.3   Some IDE's used in C++

Eclipse, NetBeans, wxWidgets etc.

5.4   Related Programming Language

1. Python
2. Ruby
3. Java
4. GO
5. Rust