**Name: Omar Mostafa taha**

**B.N: 568**

**Date:**

**Topic:** **programming language**

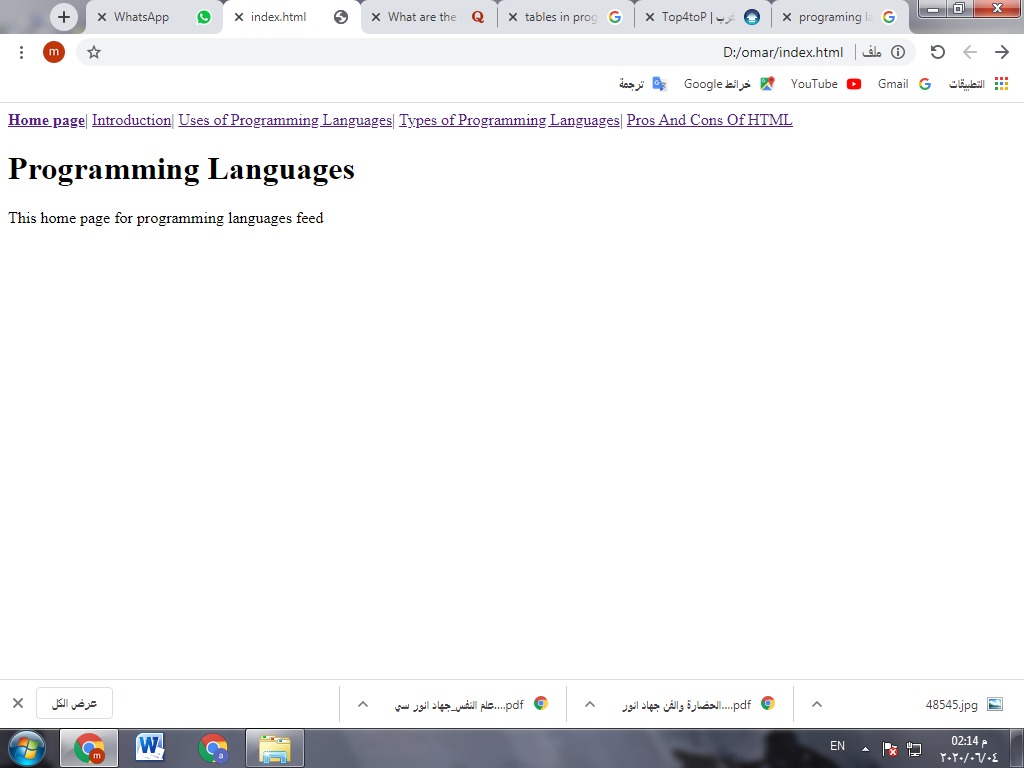
**Github link:**

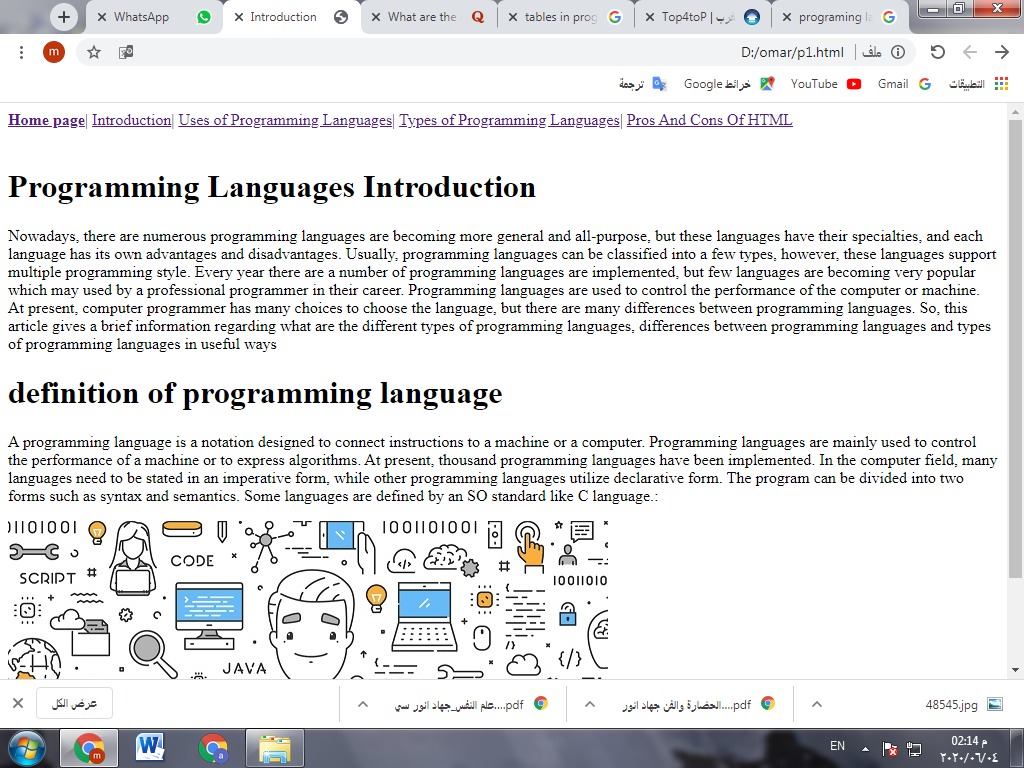
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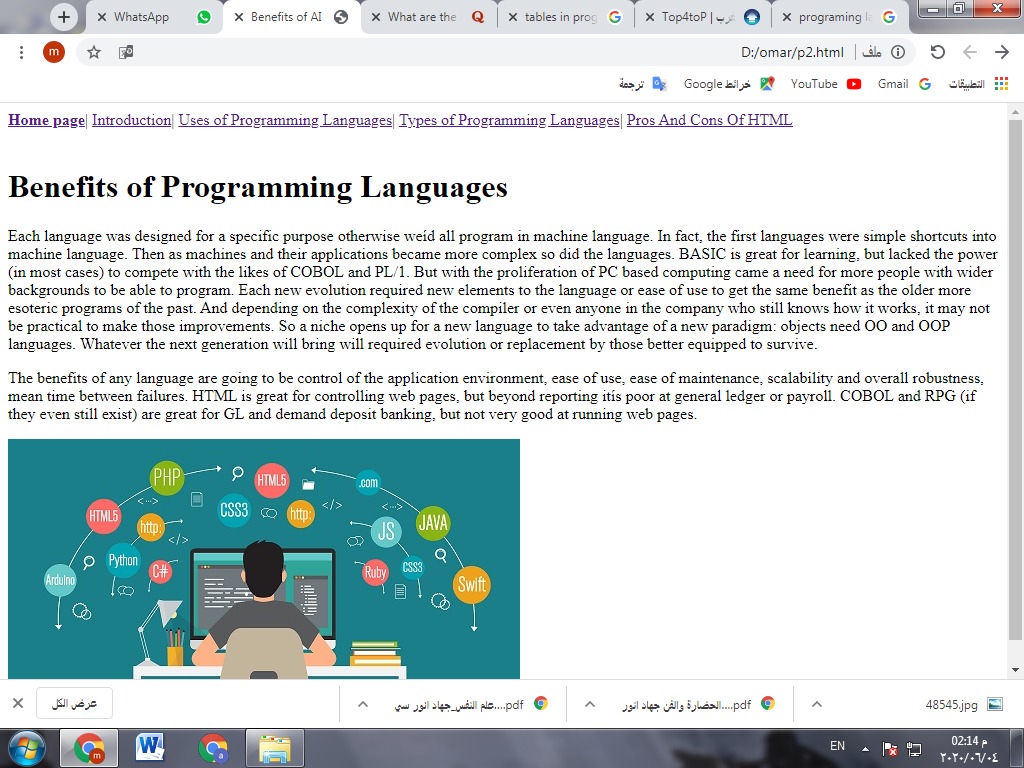
**Application brief:**

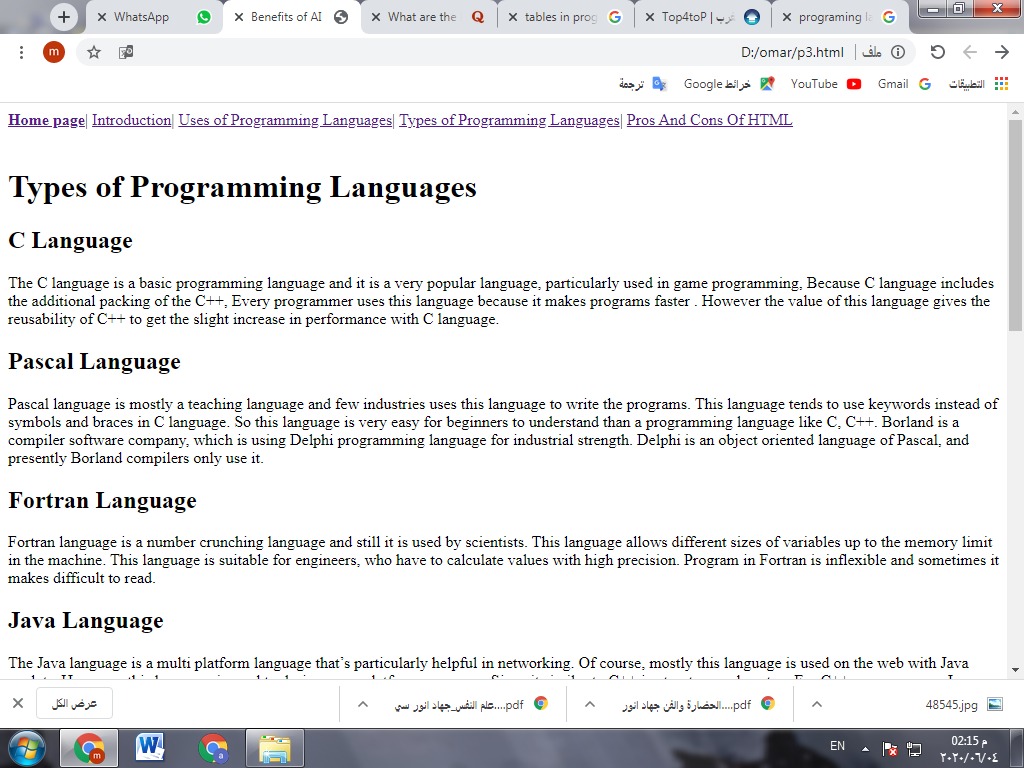
**There are numerous programming languages are becoming more general and all-purpose, but these languages have their specialties, and each language has its own advantages and disadvantages.** **A programming language is a notation designed to connect instructions to a machine or a computer. Programming languages are mainly used to control the performance of a machine or to express algorithms.** **Each language was designed for a specific purpose.** **The benefits of any language are going to be control of the application environment, ease of use, ease of maintenance, scalability and overall robustness, mean time between failures.** **HTML is great for controlling web pages, but beyond reporting it’s poor at general ledger or payroll. COBOL and RPG (if they even still exist) are great for GL and demand deposit banking, but not very good at running web pages.** **The C language is a basic programming language and it is a very popular language,** **because it makes programs faster.** **Pascal language is mostly a teaching language and few industries uses this language to write the programs.** **FORTRAN language is a number crunching language and still it is used by scientists.** **The Java language is a multi-platform language that’s particularly helpful in networking.** **However, this language is used to design cross platform programs, since it similar to C++ in structure and syntax.** **Perl language is a file management language for UNIX. But it is more popular for its common gateway interface programming.** **The PHP language is used to design web pages and sometimes it is also used as scripting language.** **LISP language is mostly used in computer science research and it stores all data in lists such as arrays.** **The scheme language is an alternate of LISP language, and it has a simpler syntax and features.**

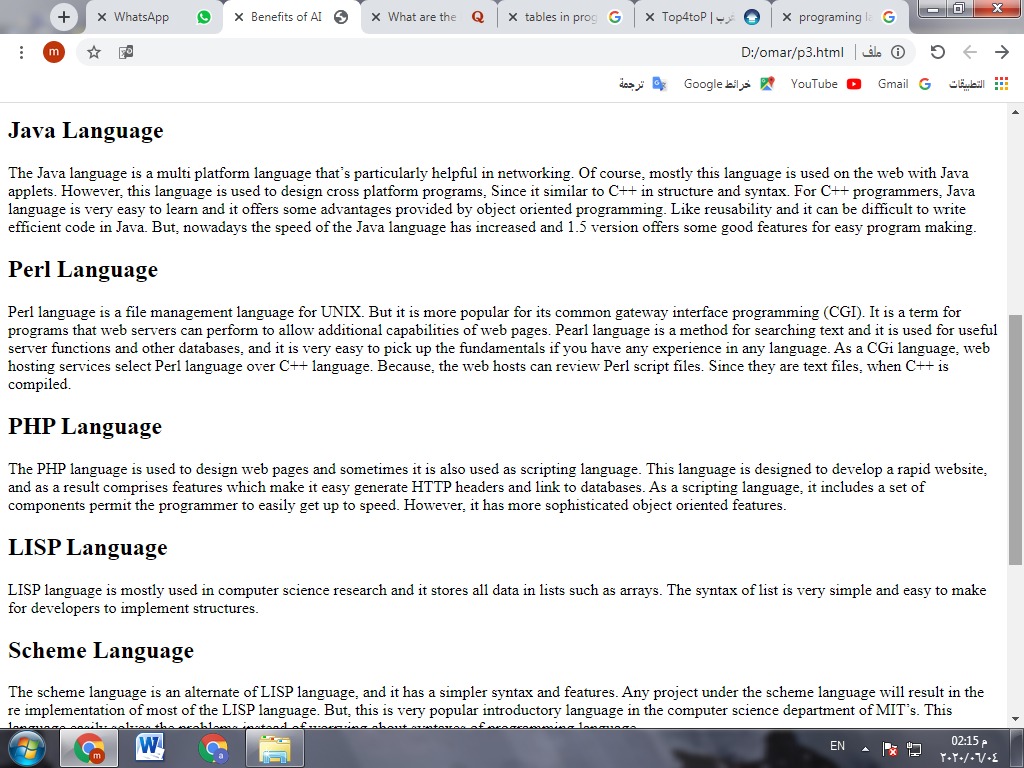
**Screenshots:**

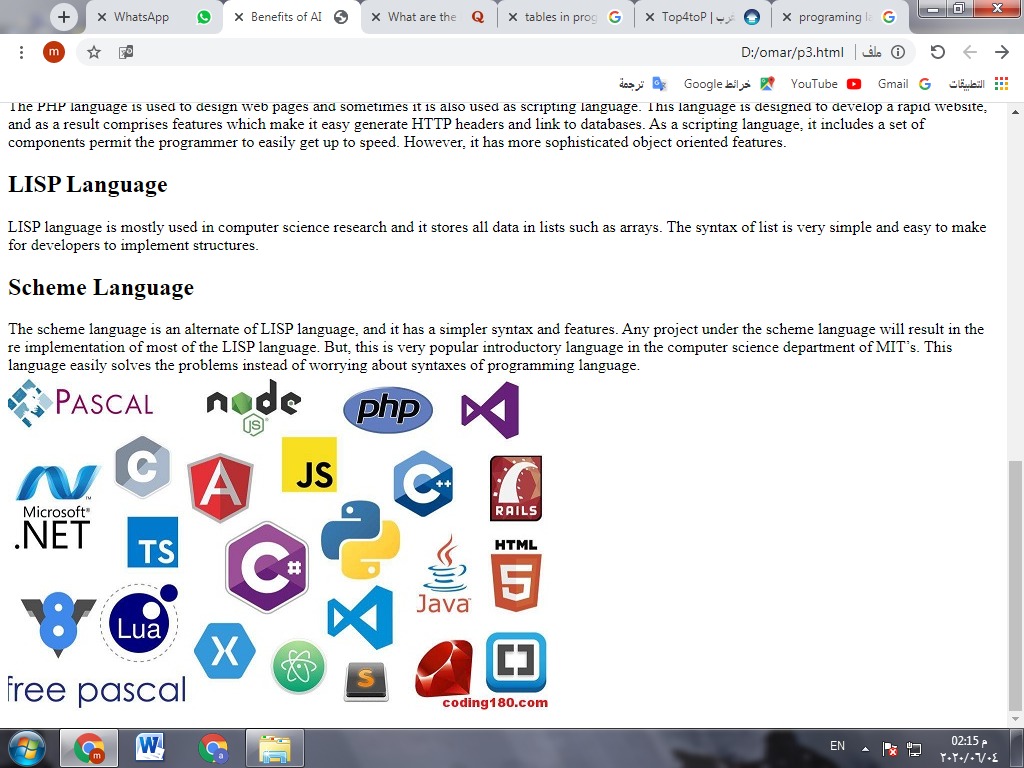
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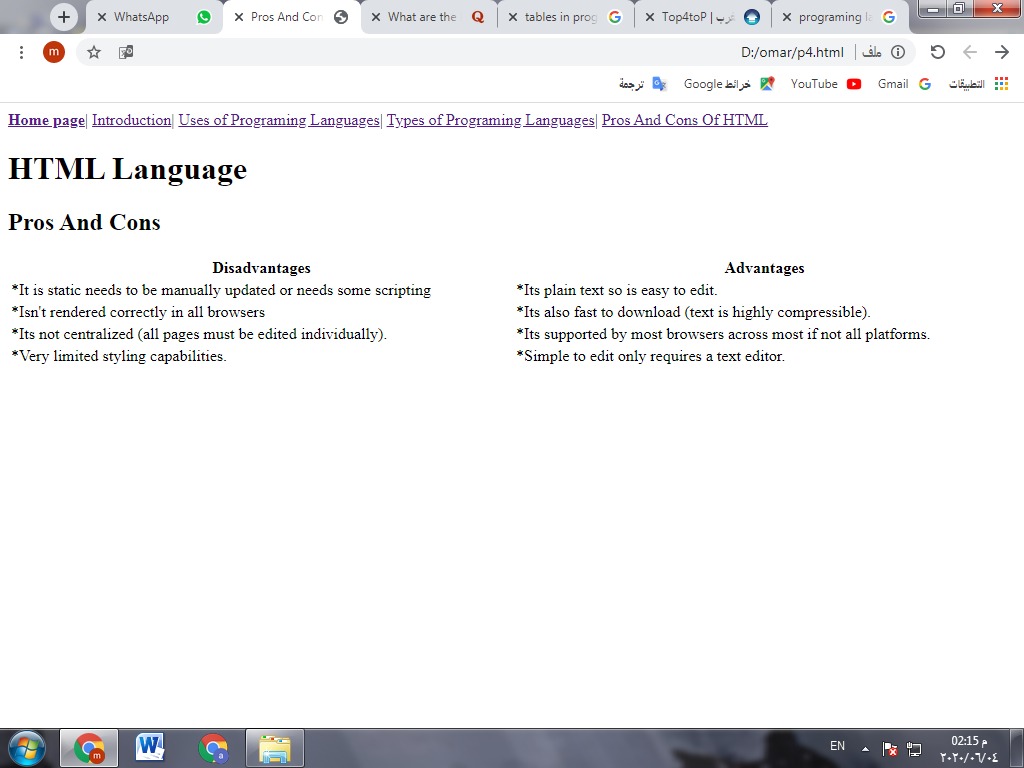
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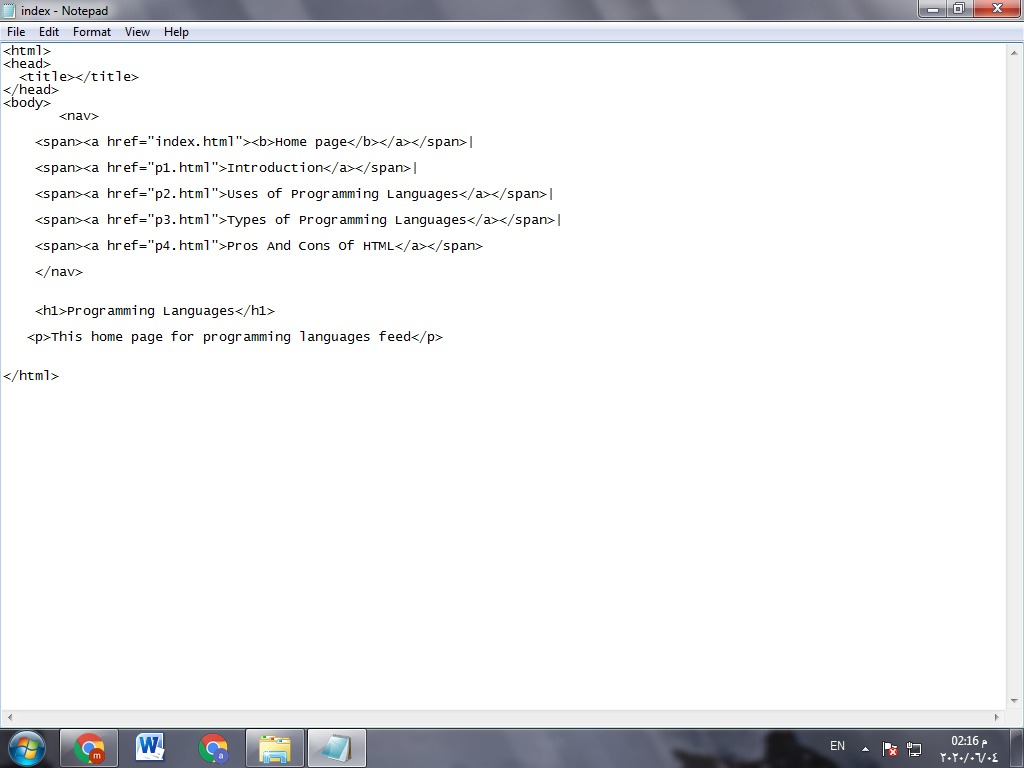
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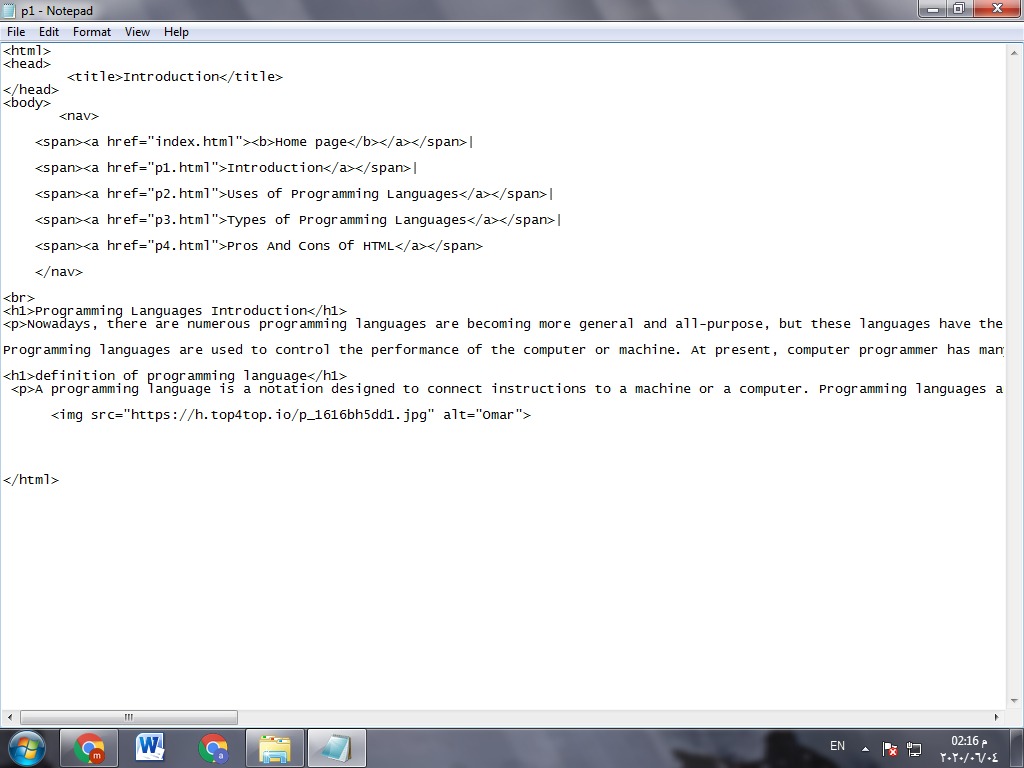
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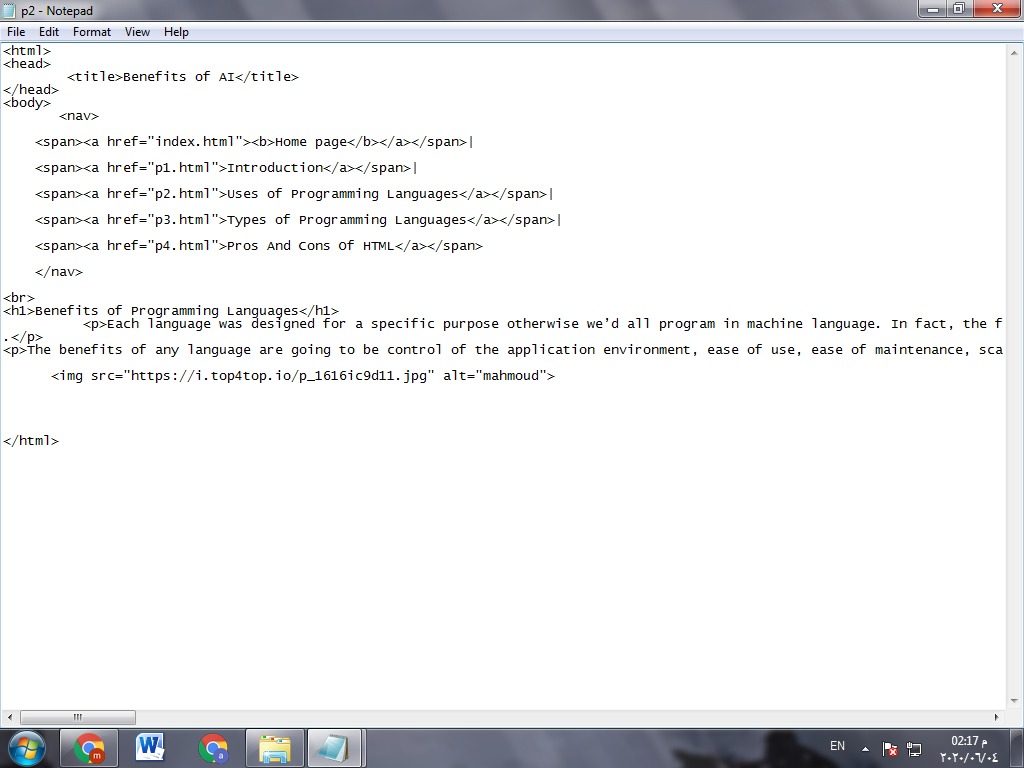
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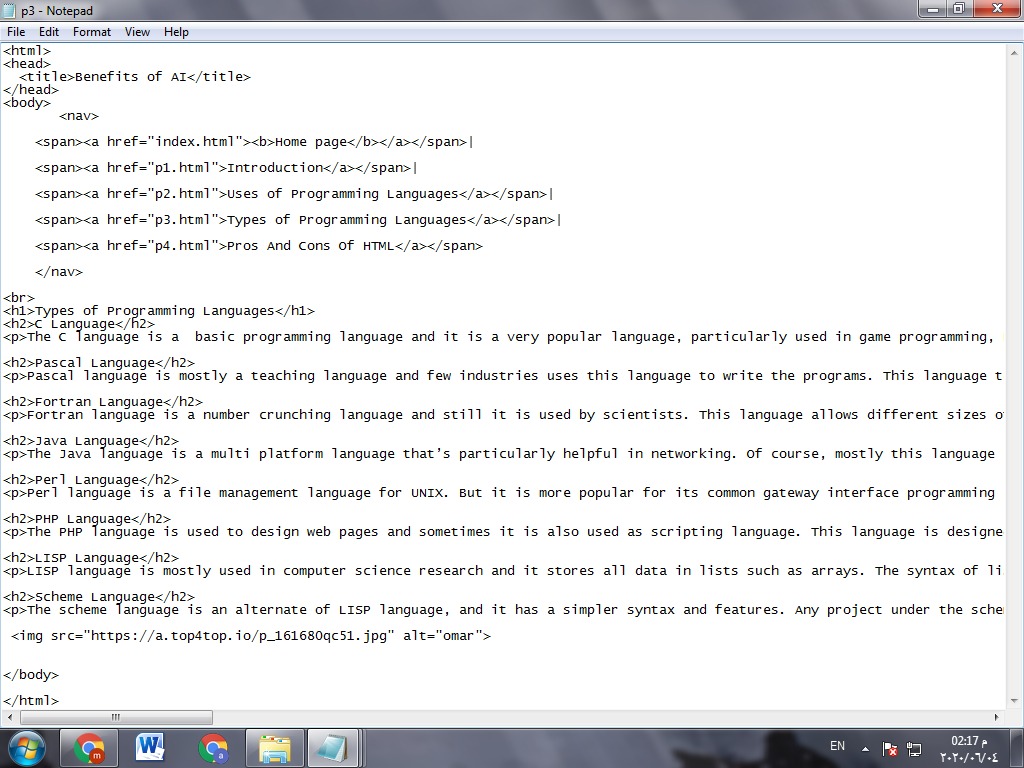
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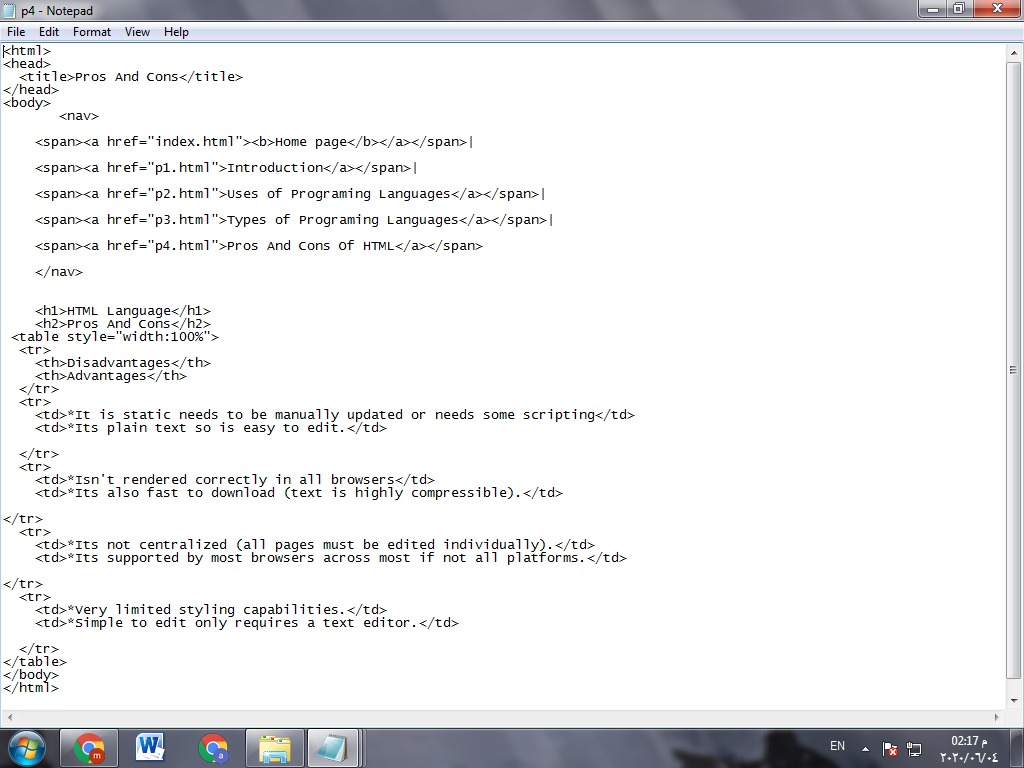
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