CS372 MATLAB Project

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# Abstract

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# Introduction

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# History

MATLAB’s original purpose was to be a strong matrix calculator, and nothing more. Algorithms for solving matrix linear equations and eigenvalue programs were written in a research paper by J. H. Wilkinson and eighteen of his colleagues. MATLAB was born out of Fortran, with matrices as the only data type. In 1983, MATLAB creator Cleve Moler’s associate Jack Little used a Compaq PC clone to write a more extended version of MATLAB. Functions, toolboxes, graphics, and many other additions were made to MATLAB with this new version. What resulted was named PC-MATLAB, and was revealed at the IEEE Conference on Decision and Control in December of 1984. Since then, MATLAB has continued to develop uses and capabilities for technical computing. Computation, visualization, and programming are its key components. Today, it still has a presence as a private company which specializes in mathematical computation. Matlab today is still used due to its graphical displays and “toolboxes”, which greatly expand the language to interact with other languages and programs such as Microsoft Excel and R.

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# Control Structures

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# Data Types

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# Subprograms

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# Summary

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# References

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