Python

Introduction

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how long it takes that program to run

human time

machine time

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software carpentry

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Python	Java	Fortran
MATLAB	C#	C

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Teaching you Python is *not* the point of this course

But we have to write examples in some language…

…and Python has proven to be easier to pick up

than alternatives which are also:

– free

– cross-platform

– widely used

– well documented

– well supported

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This course will *not* teach you basic programming

Assume you already know:

– variables

– loops

– conditionals (if / else)

– lists / arrays

– how to read data from a file

This lecture will show you how to do these in Python

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well