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Python Introduction

Python > 1991 ; Java > 1995

Easy Simple yet powerful

-> print ("Hello World"). 0/P -> Hello World

General puipose

- console Applications & Suipas -> web Applications

Desktop Applications - Game development

- Machine learning, Deep learning, At, By Data 2 tc.

Multiparadign Support -

- -> Procedural Style programming like C.
- Object Oriented programming (OOPS)
- -> functional programming.

Portable Platform Independent

programs are typically first compiled into intermediate code, then the

Dynamically typed

Python -> Dynamically typed; [C++, Java] -> Statically typed

(Specify type of variable) -> Yes: Statically

-> No: Dynamically

2 = "Programming"

Dynamically typed - type is assigned when runtime program is

Statically typed > type is assigned at the compile type

more chances of error in dynamically typed languages

-> They are Slower than Java and C++.

Automatic Granbage Collection
when we dynamically allocate memory we don't have to worry

about releasing this memory (Automatically takes care of it)

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Popular Approcations built in Python

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