

PYTHON

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1 Basic

- Python was created by Guido van Rossum in the early 90s. It is now one of the most popular languages in existence. I fell in love with Python for its syntactic clarity. It's basically executable pseudocode.
- Single line comments start with # (numbered symbol)

```
1      # this is your single line comment.
```

- Multiline strings can be written using three "s, and are often used as documentation.

```
1      """ this
2          is
3          your
4          multi-line
5          string
6      """
7      # it can be used in printing ascii arts
8      # for example :
9      art="""
10         _ _ _ _ _      . _ . _ _      _ _
11      /  _  \  _ _ _ _ _ | _ | _ | _ _ _ _ _ /  | _
12     /  / _ \  \ /  _ _ // _ _ \ | | | \ _  \ \ _ _ \  _ _ \
13     /    |    \ \ _ _ \ \ \ _ _ | | | /  _  \ | | \ | |
14     \ _ _ | _ / _ _ > \ _ _ > _ | _ | ( _ _ / _ | | _ |
15     \ /    \ /    \ /          \ /
16     """
17     # printing art
18     print(art)
```

1.1 Primitive Datatypes and Operators

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