

29 ^{Jan} ~~Feb~~ Assignment 1
[PYTHON]

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① → Guido van Rossum

② → Object oriented programming and structured programming are fully supported, and many of their features support functional programming and aspect-oriented programming.

③ → 'Yes'

④ → .py

⑤ → Python code is interpreted.

⑥ → Indentation is used to define a block of code in python.

Example,

```
→ i = 1
→ while (i <= 4):
    print(i)
    i = i + 1
```

Block

⑦ → #

⑧ → python_version()

⑨ → lambda function

⑩ → preferred installer program

⑪ → find() Lower()
 Upper() append()

⑫ → 79 characters

- (13) →
- i) Earning potential
 - ii) Ease of comprehension
 - iii) Flexibility
 - iv) Used in many industries

(14) → Memory management in python involves a private heap containing all python objects and data structures. The management of this private heap is ensured internally by the python memory manager.

(15) → You can easily add python to windows path by downloading a recent version of python, and then checking the box to Add python to PATH at the bottom of setup screen.

☒ Add python to path

(16) → The indentation in python is very important. Python uses indentation to indicate a block of code.