General English

It uses simple English where person other than writer of code can easily understand and develop code easily.

Python program is divided into n number of logical lines and every logical line is terminated one after other by which we can say python is structural programming and also it is functional programming.

print('syntax')

output:-

syntax

Indentation

Python uses whitespaces to delimit control flow blocks. Python borrows this feature from its predecessor ABC: instead of punctuation or keywords, it uses indentation to indicate the run of a bock.

In other languages blocks of code are set off with braces ({ }) or keywords.

def func():

    a=5

    b=2

    c=a+b

    return c

print(func())

output:-

    7

Keywords

Python has 35 [keywords](#) or *reserved words*; they cannot be used as [identifiers](#).

- `and`
- `as`
- `assert`
- `async`
- `await`
- `break`
- `class`
- `continue`
- `def`
- `del`
- `elif`
- `else`
- `except`
- `False`
- `finally`
- `for`
- `from`
- `global`
- `if`
- `import`
- `in`
- `is`
- `lambda`
- `None`
- `nonlocal`
- `not`
- `or`
- `pass`
- `raise`

- `return`
- `True`
- `try`
- `while`
- `with`
- `yield`

Comments

Single line comment

Single line comment is used by symbol **#** as shown below.

Comments are ignored by terminal,

It helps as a documentation for understanding purpose.

```
File   Edit   Format   Run   Options   Window   Help
#input function#
a=int(input('enter number:'))
#for even number#
if (a%2)==0:
    print(a,'is even number')
else:
    #for odd number#
    print(a,'is odd')
```

output

```
---------- RESTART: C:/Users/TECHTRONIX/OneDrive/Desktop/test/jjjj.
enter number:4
4 is even number
>>
```

Multi line comment

It works same as single line comment but used by three quotes **'''** as shown below

```
File  Edit  Format  Run  Options  Window  Help
'''program for odd and even
by using if else
and a as input'''
a=int(input('enter number:'))

if (a%2)==0:
    print(a,'is even number')
else:

    print(a,'is odd')
```