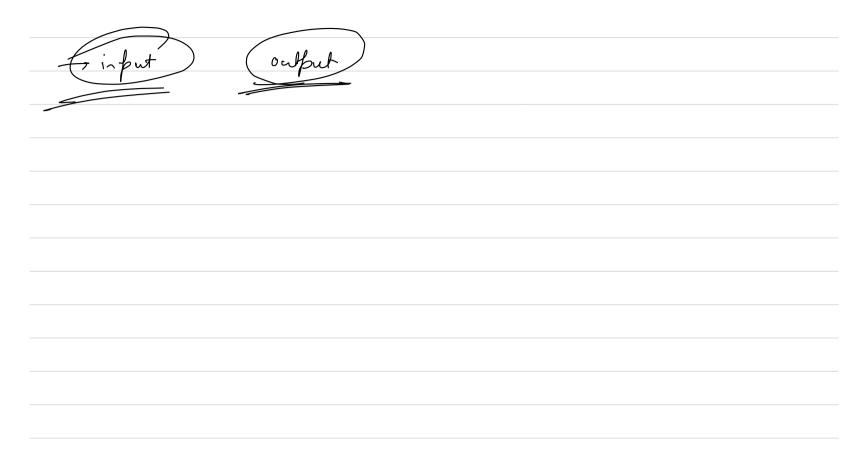Programming language → To Convey our thoughts to computer

Python → It is an open source language

zen of python
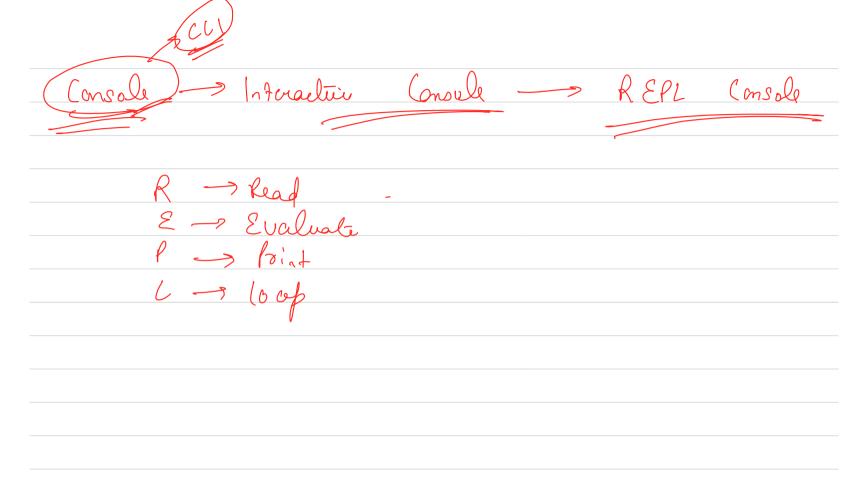
input

output

Syntax → It refers to the set of rules that govern the structure of statements in programming lang.

verbose → CLI → command line interface
GUI → graphic user input.

CLI $\longrightarrow$ command line interface

$\longrightarrow$ There is no graphics involves
$\hookrightarrow \longrightarrow$ You can't use interaction gestures to do things.
$\longrightarrow$ Every action that you do is a command.

CLI

Console ⟶ Interactive Console ⟶ REPL Console

R ⟶ Read
E ⟶ Evaluate
P ⟶ Print
L ⟶ Loop

Python 3 $\longrightarrow$ open REPL Console

© exit() $\longrightarrow$ close
ctrl + d $\longrightarrow$ close

extension $\rightarrow$ .py

In windows $\longrightarrow$ py mon

py mon hellow coid.py

1) Open terminal / console / cmd

2) Open the text editor

3) Save the py man file.

D:/ Documents / Pec / helloworld.py

```python
print("Sanket ", "Singh", end=" ")
```

@ $ #

$\boxed{\backslash n} \longrightarrow$ special character $\longrightarrow$ new line

'a'

@

#

```
x = 0
i = input()
```

(NOTE) → when you take input from user by using

input() → it always takes input as

a tent.

→ If you want a specific input like of an integer

use → int (input())

tent → string

win   }→ ctrl +S
line

mac → cmnd +S