# Python

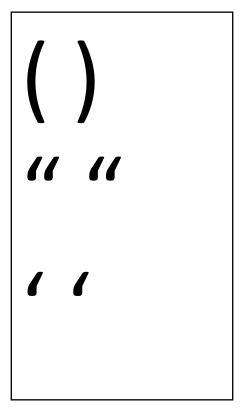
Basic

## Programing

There are variables Language syntax

#### **PAIRS**

# A number of items come in pairs



commands

All commands are lower case

One command per line

Up to 79 characters per line

Reserve words (Keywords)

import keyword

print (keyword.kwlist)

# Keyword (reserve word list)

- False
- None
- True
- peg\_parser\_\_\_
- and
- as
- assert
- async
- await
- break
- class
- continue

- def
- del
- elif
- else
- except
- finally
- for
- from
- global
- if
- import
- in

- is
- lambda
- nonlocal
- not
- or
- pass
- raise
- return
- try
- while
- with
- yield

## Format of program

- The colon (:) is significant and required.
   It separates the header of the command from the body.
- The line after the colon must be indented. It is standard in Python to use four spaces for indenting.

#### notes

The line with the colon is called the header
The indented lines are called the body

#### Indent

Indent in Python is how the the python commands are processed and executed.



#### Comments

Comments in program do NOT execute.

The hash character (#) starts a comment

### Shell Program

```
# Program
def main():
  print ('----')
  print ('your name')
  print ('----')
```

main()

```
Reserve (keyword) List
  keyword (reserve) word list
import keyword
def main():
  print ('\n')
  print (keyword.kwlist)
  print ('\n')
main()
```

#### Module List

```
import sys
def main():
   help("modules")
   print('----\n')
main()
```

# done