

# 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.

The indent is **4** spaces

**Do not use the tab key**

# 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