```
# Heading1
## Heading2
### Heading3
#### Heading4
##### Heading5
###### Heading6
```

Heading1
Heading2
Heading3
Heading4
Heading5
Heading6

```
**Bold**

*italic*
```

Bold

italic

In [2]:

```
#single line comment
print("Hello everyone!!!")
```

```
Hello everyone!!!
```

In [3]:

```
"""
Multi
line
comment
"""
print("Hello")
```

```
Hello
```

In [4]:

```
print('python programming')
```

```
python programming
```

In [6]:

```
print("This is python's workshop")
```

```
This is python's workshop
```

In [7]:

```
print('This is python\'s workshop')
```

```
This is python's workshop
```

In [8]:

```
print('This is python\'s\tworkshop')
```

```
This is python's	workshop
```

In [9]:

```
print('This is python\'s\nworkshop')
```

```
This is python's
workshop
```

In [10]:

```
print(10*' keerthi')
```

```
 keerthi keerthi keerthi keerthi keerthi keerthi keerthi keerthi keerthi kee
rthi
```

In [11]:

```
print(10*' \nkeerthi')
```

```

keerthi
keerthi
keerthi
keerthi
keerthi
keerthi
keerthi
keerthi
keerthi
keerthi
```

Variables

- A python variable is a reserved memory location to store values

In [13]:

```
# 1. Single variable assignment
a = 123
```

In [14]:

```
print(a)
```

```
123
```

In [15]:

```
b = 'python'
print(b)
```

```
python
```

In [16]:

```
# 2.Multiple variabel assignment with multiple values
x,y,z = 12,14,16
print(x,y,z)
```

```
12 14 16
```

In [17]:

```
print(x,'\n',y,'\n',z)
```

```
12
 14
 16
```

In [18]:

```
# Multiple variable assignmet
a = 15
d=c=b=a
print(c)
print(d)
```

```
15
15
```

Keywords

- Keywords are the reserved words in python. We can not use a keyword as a variable name, function name or any other identifier.

In [20]:

```
import keyword
print(keyword.kwlist)
```

```
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break',
'class', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'fo
r', 'from', 'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'no
t', 'or', 'pass', 'raise', 'return', 'try', 'while', 'with', 'yield']
```

In [21]:

```
length = keyword.kwlist
print(len(length))
```

```
35
```

Data type and conversions

- int
- string
- float

In [22]:

```
1 n = 13
2 type(n)
```

Out[22]:

```
int
```

In [27]:

```
1 print(n)
2 t = float(n)
3 print(t)
4 print(type(t))
5 s = str(n)
6 print(s)
7 print(type(s))
```

```
13
13.0
<class 'float'>
13
<class 'str'>
```

In [ ]:

```
1
```