

# Heading1

## heading2

### comments in python

1. sigle line comment
2. multi line comment

In [5]:

```
1 # single line comment
2 """
3 multi line comment
4 """
5 print("hello world")
```

hello world

In [15]:

```
1 print ("abcd\n"*5)
```

abcd  
abcd  
abcd  
abcd  
abcd

## Variables

\* A python variable is reversed memory location to store values.

In [16]:

```
1 a = 12
2 print(a)
3 print("a")
```

12  
a

In [17]:

```
1 a = 123 # sinle variable assignment
2 print(a)
```

123

In [20]:

```
1 a = "abcd"
2 print(a)
```

abcd

In [22]:

```
1 x,y,z = 12,13,10 # multiple variable assignment
2 print(x,y,z)
3 print("*****")
4 print(x,"\n",y,"\n",z)
```

```
12 13 10
*****
12
13
10
```

## Python Keywords

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

In [23]:

```
1 import keyword
2 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 [1]:

```
1 import keyword
2 print(keyword.kwlist)
3 l = keyword.kwlist
4 print (len(l))
```

```
['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']
35
```

In [2]:

```
1 l = keyword.kwlist
2 print (len(l))
```

35

