In [ ]:
```
A, a

A a

ram
Ram
```

In [1]:
```
import keyword
```

In [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 [3]:
```
len(keyword.kwlist)
```

Out[3]:
```
35
```

In [4]:
```
import sys
```

In [5]:
```
sys.version
```

Out[5]:
```
'3.8.8 (tags/v3.8.8:024d805, Feb 19 2021, 13:18:16) [MSC v.1928 64 bit (AMD6
4)]'
```

In [6]:
```
keyword.iskeyword('adnan')
```

Out[6]:
```
False
```

In [7]:
```
keyword.iskeyword('if')
```

Out[7]:
```
True
```

In [8]:
```
keyword.iskeyword('If')
```

Out[8]:
```
False
```

In [9]:
```
keyword.iskeyword('for')
```

Out[9]:
```
True
```

In [10]:
```
1 == 1
```

Out[10]:
```
True
```

In [12]:
```
5 < 3
```

Out[12]:
```
False
```

In [ ]:
```
Python Identifier
```

In [ ]:
```
class
function
variable etc
```

In [ ]:
```
variable  12345667890

age = 29
123age= 29
" _"
 _"

_age = 20

@#$%^&*()+= = No use to start to creating the variable names

age = 20
Age = 20

DO not use any resered keyword for creating the Variables

if = 200
```

In [15]:
```
if = 20
```

```
  Cell In[15], line 1
    if = 20
       ^
SyntaxError: invalid syntax
```

In [16]:
```
print('if'.isidentifier())
```

```
True
```

In [20]:
```
print('age'.isidentifier())
```

```
True
```

In [21]:
```
print('123age'.isidentifier())
```

```
False
```

In [ ]:
```
print('123age'.isidentifier())
```

In [19]:
```
if = 20
```

```
  Cell In[19], line 1
    if= 20
      ^
SyntaxError: invalid syntax
```

In [ ]:
```
if = 20
```

In [23]:
```
age = 20
print(age)
```

```
20
```

In [ ]:
```
comments
```

In [24]:
```
#name = "hello world"
```

In [ ]:
```

```

In [25]:
```
name
```

Out[25]:
```
'hello world'
```

In [ ]:
```
#name = "hello world"

''' hello word'''


"""hello world """
```

In [ ]:
```
# name is defined as a variable
name = "hello world"
```

In [ ]:
```
''' hello word'''
```

In [ ]:
```
data = ''' hello word'''
```

In [26]:
```
name = "hello world"
```

In [27]:
```
type(name)
```

Out[27]:
```
str
```

In [ ]:
```
Data Type

Numbers
string
list
tuple
dictionary
set
```