```
In [2]:  print("hello world")
```

hello world

# Keyword

```
In [3]:  import keyword
```

```
In [6]:  print(keyword.kwlist)
```

['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break', 'clas
s', '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']

```
In [7]:  print(len(keyword.kwlist))
```

35

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

Out[9]:  False

# Comments

```
In [23]:  # single line comments

          #print("Hi, there")

          x = 5 # this is inline comment

          # Multi line comments

          '''if keyword.iskeyword("True"):
              print(x)'''


          # special comments for documentation

          def add(x,y):
              """
                  the add function has 2 input parameter, whereas
                  x-- > int
                  y-- > int
                  z -- > it is storing the value of x  + y
              """

              z = x + y

              return z

          add(10,20)
```

Out[23]:   30

In [20]:   **import** sys

In [21]:   sys**.**version

Out[21]:   '3.13.3 (tags/v3.13.3:6280bb5, Apr  8 2025, 14:47:33) [MSC v.1943 64 bit (AMD6
           4)]'

# Variables

In [28]:   _x **=** "Alice"

In [29]:   _X **=** "john"

In [30]:   type(x)

Out[30]:   str

In [32]:   _X

Out[32]:   'john'

In [26]:   ```
           # variable naming rules
           1- Must start with letter or underscore

           2- Can obtain letter , number, and underscore

           3-  first word can not start with number

           4- case-sensitive language

           5- you can not use python keywords
           ```

In [ ]: