

Python quick recap

```
In [41]: va =10
         va
```

```
Out[41]: 10
```

```
In [43]: id(va)
```

```
Out[43]: 140717641181912
```

```
In [45]: 1nit=18
         1nit
```

```
Cell In[45], line 1
      1nit=18
      ^
SyntaxError: invalid decimal literal
```

```
In [47]: 2nit =19
         2NIT
```

```
Cell In[47], line 1
      2nit =19
      ^
SyntaxError: invalid decimal literal
```

```
In [49]: nit =10
         nit
```

```
Out[49]: 10
```

```
In [51]: v$ =12
         v$
```

```
Cell In[51], line 1
      v$ =12
      ^
SyntaxError: invalid syntax
```

```
In [55]: v_ = 90
         v_
```

```
Out[55]: 90
```

```
In [57]: import keyword
         keyword.kwlist
```

```
Out[57]: ['False',
          'None',
          'True',
          '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']
```

```
In [67]: len(keyword.kwlist)
```

```
Out[67]: 35
```

```
In [69]: for =67
```

```
Cell In[69], line 1
      for =67
      ^
SyntaxError: invalid syntax
```

```
In [71]: FOR = 67
         FOR
```

```
Out[71]: 67
```

In [73]: `if = 10`

```
Cell In[73], line 1
  if = 10
    ^
SyntaxError: invalid syntax
```

In [85]: `IF =10`  
`IF`

Out[85]: 10

In [87]: `def =15`  
`def`

```
Cell In[87], line 1
  def =15
    ^
SyntaxError: invalid syntax
```

In [89]: `DEF =15`  
`DEF`

Out[89]: 15

```
In [111... def Test():
              x = 3
              return True

test = Test()
print(test)
```

True

In [115... `True==True`

Out[115... True

In [117... `true =7`  
`true`

Out[117... 7

```
In [119... a =4
b =5
c =6

print(a)
print(b)
print(c)
```

4  
5  
6

In [129... `import sys`  
`sys.version`

Out[129... '3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27) [MSC v.1929 64 bit (AMD64)]'