

# Python quick recap

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

```
Out[1]: 10
```

```
In [2]: id(a)
```

```
Out[2]: 140719110236888
```

```
In [3]: 1nit=12
```

```
Cell In[3], line 1  
    1nit=12  
      ^  
SyntaxError: invalid decimal literal
```

```
In [5]: nit=10
```

```
In [6]: nit
```

```
Out[6]: 10
```

```
In [7]: import keyword  
keyword.kwlist
```

```
Out[7]: ['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 [8]: len(keyword.kwlist)
```

```
Out[8]: 35
```

```
In [10]: import sys
         sys.version
```

```
Out[10]: '3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27) [MSC v.192
          9 64 bit (AMD64)]'
```

```
In [11]: if=10
```

```
Cell In[11], line 1
      if=10
      ^
SyntaxError: invalid syntax
```

```
In [13]: IF=10
```

```
In [14]: IF
```

```
Out[14]: 10
```

