

# Identifier

In Python, an identifier is the name used to identify a variable, function, class, module, or object.

Rules to define Identifier

The only allowed Characters

- 1. Alphabet symbols, either lower case or upper case

By mistake if we using any other symbol like \$ then we will get syntax error

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

Out[1]: 10

```
In [2]: ca$h = 10

Cell In[2], line 1
    ca$h = 10
      ^
SyntaxError: invalid syntax
```

Identifier should not start with number

```
In [3]: 123se = 10

Cell In[3], line 1
    123se = 10
      ^
SyntaxError: invalid decimal literal
```

```
In [4]: se123 = 20
se123
```

Out[4]: 20

Identifier are case sensitive. of course python language is case sensitive language

```
In [5]: a = 10
A = 20
print(a)
print(A)

10
20

In [ ]:
```