

# Classes

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In python, data encapsulation is supported with “class”. Class consists of both data and functions. The data in a class is called a member while functions in class are called as methods.

## Definition of class

The definition of class is given below.

```
class class_name:
    Statement1_class
    Statement2_class
    Statement3_class
    .....
    Statementn_class
```

The statement in the class consists of either data or function.

```
Class class_name:
    Statements_classbody
    def function_name(argument_list):
        Statement_1
        Statement_2
        .....
        Statement_n
    statements_classbody
```

## Example

An example code for a class with members is given below.

```
1. class ex:
    x=100
    y="abcdefgh"
    print("Member value of x=", ex.x)
    print("Member value of y=", ex.y)
```

```
2. class ex:  
    def f1():  
        print("this is class method")  
ex.f1()
```