

Learning



Good starting point

```
#Starting point of code execution
#with class and function, try to use it
if __name__ == '__main__':
```

By Nidhi Vaishnav

Function

- Function to use the same code multiple time without rewriting
- 2 types:
 - Built in function
 - Class instance function
- 3 parts:
 - function declaration
 - function definition
 - function call

Function

- #syntax
- def *FunctionName* (arg1, arg2,...):
 - #write your code here
 - Return

FunctionName(arg1, arg2,...)

Variables inside function

- There are 2 types of variable:
 - Local variable
 - Global variable
- Local Variable: Valid only inside function
- Global variable: Valid through code
- Function parameters (argument) are global or local?

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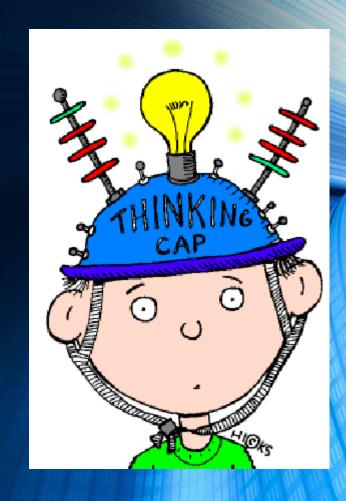
Variables inside function

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class

- Class myClass:
 - Def method1(arg1, arg2,...)
 - {
 - #code
 - }
 - Def method2(arg1, arg2,...)
 - }
 - #code
 - }

Tasks



Simple Calculator

- Implement the methods for
 - Add()
 - Subtract()
 - Multiply()
 - Devide()

Mean of all Numbers from List

- You are provided a list, calculate the mean
- Mean = sum of all items/total items

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