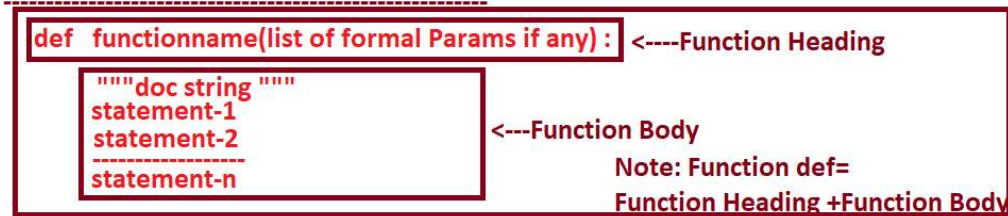


Syntax for Defining a Function in Python



Explanation:-

1. here 'def' is a keyword , which is used for defining Programmer-defined Functions.
2. "functionname" represents a valid variable name and treated as function name and every function name is an object of type <class, 'function'>
3. "list of formal params" represents list of variable names used in function heading and they are used for storing or holding the input(s) coming from function call(s).
4. """doc string""" represents documentation string and it used for giving or writing the description about functionality of function.
5. The statement-1,statement-2.....statement-n indentation block of statements and it is process the input or logic for problem solving and it is known Business Logic.
6. In the Function Body, we use some special variables and they are called Local Variables and whose purpose is to store the temporary results.
7. The values of Formal Params and Local Variables can be accessed only inside corresponding Function Definition but not possible to access in other part of the program and in Other Function Definitions(Scope of Formal params and Local Var)

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