

1. Why are functions advantageous to have **in** your programs?
Function reduce the need of duplicate code **and** it makes code short **and** easier to understand
2. When does the code **in** a function run: when it specified **or** when it called?
The code **in** a function runs when it **is** called but **not** when specified.
3. What statement creates a function?
The **def** keyword statement creates a function **and** it should be followed by round brackets() **and** a semicolon(;
4. What **is** the difference between a function **and** a function call?
-->Function **is** block of code that do a particular operation **and** **return** the result
-->A function call **is** the code used to **pass** control to a function.it moves the program execution into the function **and** returns to the value
5. How many **global** scopes are there **in** a Python program? How many local scopes?
--> we are having one **global** scope,variables that are defined outside of the function **is** globale scope.
-->one local scope ,variables that are defined inside of a function **is** a local scope.
6. What happens to variables **in** a local scope when the function call returns?
--> When the function call returns then variables **in** function **is** forgotten **and** local scope gets destroyed.
7. What **is** the concept of a **return** value? Is it possible to have a **return** value **in** an expression?
-->It **is** a value that returns when the function completes its task. yes we can have a **return** value **in** an expression
8. If a function does **not** have a **return** statement, what **is** the **return** value of a call to that function?
If there **is** no **return** statement **in** a function the the **return** value will be aslo 0
9. How do you make a function variable refer to the **global** variable?
--> By using **global** keyword **and** declare the variables which are **global**
10. What **is** the data type of **None**?
The datatype of none **is** nonetype
11. What does the sentence `import areallyourpetsnamederic` do?
--> The statement imports a module
12. If you had a `bacon()` feature **in** a spam module, what would you call it after importing spam?
`spam.bacon()`

14. What **is** the purpose of the **try** clause? What **is** the purpose of the **except** clause?

- >**try** clause allow to test a block of code of errors
- >**except** clause makes us to handle the error