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In [ ]:     ##1. Why are functions advantageous to have in your programs?
            Functions reduce the need for duplicate code. This makes programs shorter, easier to

In [ ]:     ##2. When does the code in a function run: when it's specified or when it's called?
            Functions are "self contained" modules of code that accomplish a specific task. ...

In [ ]:     ##3. What statement creates a function?
            To create a function, we must first declare it and give it a name, the same way we'd

In [ ]:     ##4. What is the difference between a function and a function call?
            Function :A function is a piece of code which enhanced the reusability and modularit
            Function call : Using a function to do a particular task any point in program is cal

In [ ]:     ##5. How many global scopes are there in a Python program? How many local scopes?
            Global scope :We also declare a variable 'b' outside any other python Variable scope
            Local scope :  In the above code, we define a variable 'a' in a function 'func'. So,

In [ ]:     ##6. What happens to variables in a local scope when the function call returns?
            The variable y only exists while the function is being executed — we call this its l

In [ ]:     ##7. What is the concept of a return value? Is it possible to have a return value in
            You use the return statement to send a value back to the calling script or user-defi

In [ ]:     ##8. If a function does not have a return statement, what is the return value of a c
            If there is no return statement in the function code, the function ends, when the co

In [ ]:     ##9. How do you make a function variable refer to the global variable?
            If you want to refer to a global variable in a function, you can use the global keyw

In [ ]:     ##10. What is the data type of None?
            None is used to define a null value. It is not the same as an empty string, False, o

In [ ]:     ##11. What does the sentence import areallyourpetsnamederic do?
            That import statement imports a module named areallyourpetsnamederic . (This isn't a

In [ ]:     ##12. If you had a bacon() feature in a spam module, what would you call it after im
            This function can be called with spam.bacon().

In [ ]:     ##13. What can you do to save a programme from crashing if it encounters an error?
            Place the line of code that might cause an error in a try clause.

In [ ]:     ##14. What is the purpose of the try clause? What is the purpose of the except claus
            The code that could potentially cause an error goes in the try clause.

            The code that executes if an error happens goes in the except clause.
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