1. Why are functions advantageous to have in your programs?

Answer:

1.we can call the function n of times required in a program using function call,so that it

Not required to write the same block of statements or codes again and again.

2 make the program more easy to understanble.

2. When does the code in a function run: when it's specified or when it's called?

Answer:

Only when the it is called the codes in a function runs.

3. What statement creates a function?

Answer:

Functions is created using def Keyword .

Example def abc()🡪abc is the name of the function where as the def is the key word

4. What is the difference between a function and a function call?

Answer:

Function and function call:

Function is used for doing a particular task ,and the statements in the function will be executed only during the function call ,not during the function definition

5. How many global scopes are there in a Python program? How many local scopes?

Answer:

Only one global scopes are there in a python program during execution. This scope remains in existence until the program terminates and all its names are forgotten

There can be n no of local scopes in a program

6. What happens to variables in a local scope when the function call returns?

Answer:

All the local variables will be destroyed.

7. What is the concept of a return value? Is it possible to have a return value in an expression?

Answer:

Yes it is possible to have a return value in expression in python, the return gives all the values ,where the function is called.

8. If a function does not have a return statement, what is the return value of a call to that function?

Answer:

It wont return anything no value will be printed at function call we can say it as void or null.

9. How do you make a function variable refer to the global variable?

Answer:

By using global keyword

10. What is the data type of None?

Answer:

NoneType is the data type of none

11. What does the sentence import areallyourpetsnamederic do?

Answer:

It will import that particutar module if its available in same directory

12. If you had a bacon() feature in a spam module, what would you call it after importing spam?

Answer:

Spam.bacon() is used to call bacon functiom

13. What can you do to save a programme from crashing if it encounters an error?

We can use try and except clause. Which is very use if it encounters error

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

Answer:

Try clase and except clause:

Try clause is used to over come the run time error(not syntax error).if the program went into invalid inputs or it got struct anywhere during the run time ,then exception clause will be executed,only if try clause fails.

And because of using try and excpted ,other blocks of the program will also be excuted so that our

Program wont get crashed .!!!