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

Functions are reusable pieces of code that can be called using Function name

It allows run same code multiple times

It breaks complex program into smaller chunks

Functions can be used by other programmers

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

Function is run when its called

1. What statement creates a function?

def statement is used to define a function.

def function\_name(parameters):

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

Function is a block of code that does some operation and returns a result.

Function call is the code used to pass control to the function and the function call evaluates to the function's return value.

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

One global scope . Local scope is creared whenever a function is called

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

It expires

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

Return is a value which the function returns to the calling function when it completes its execution.

Yes you can have a return value in an expression

Ex: return a+b

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

Return value will be None

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

Use a global Keyword

1. What is the data type of None?

NoneType

1. What does the sentence import areallyourpetsnamederic do?

Imports a module called areallyourpetsnamederic . Python modules can access code from areallyourpetsnamederic

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

spam.bacon()

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

Error Handling/Exception, by placing the code within try and except clause

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

Try block tests the block of code for error

Except clause handles the errors