Python basics assignment 3

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

Functions makes programs shorter, easier to read, and easier to update also reduce the need for duplicate code.

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

When its called

**3. What statement creates a function?**

def statement creats function

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

Function is Def statement and code of that function

Function call is when function code is executed and returns value

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

One global scope and local scopes depends on how many functions are created.

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

Local scope is destroyed and all variables inside it are vanished

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

A return value is the value that a function call evaluates to. a return value can be used as part of an expression.

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

None

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

By using global statement.

**10. What is the data type of None?**

None type

**11. What does the sentence import areallyourpetsnamederic do?**

Unable to make sense of this question

**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?**

Move code inside try and except statements

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

try clause tests a block of code for errors. except clause handles the error.