**Assignment 3**

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

**Answer:** it save a lot of time , and we can save it to use next time also , it make code easier

Pretty much good

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1. When does the code in a function run: when its specified or when its called?

**Answer :** when function is called

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1. What statement creates a function?

**Answer:** def keyword create a function

Eg def pre\_processor():

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

**Answer** functions means function , it is make 1st of some code

And function call it used when we need of that code means its used after making function

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

**Answer:** there is one global scope and two local scope

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

**Answer** : local scope get destroyed

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

**Answer** : return is keyword is used in function in python to get a final output of function , it can be a part of expression

Eg def add(x , y):

Return x+y

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

**Answer** if there is no return keyword is in function at the end , the function will not give any output

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

**Answer :**

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10. What is the data type of None?

**Answer** Its have own data types none

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11. What does the sentence import are all y our pets name deric do?

**Answer** import statement import a module

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

**Answer** spam.bacom()

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

**Answer** Place the line of code that might cause an error in a try clause.

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

**Answer** 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.