

Functions

- Define Math Functions
- Define String Functions
- Utilize the basics of primitive data types, control flow, and functional programming
- Define a Function w/ multiple parameters
- Call their own Functions
- Return Data from their Functions
- Work w/ returned Data

Data

- Functions
 - o Purpose
 - Recipe of code
 - Used for modularity
 - Used for expandability
 - Single – responsibility principle
 - o In Python we use the 'def' keyword to define a function block
 - o We follow that keyword w/ the name of the functions we are trying to define
 - o Then we, in Parenthesis, define what parameters(ingredients) or Functions(Recipe) will need.
 - o `Def Some_Func(str_1):`
 - `#your function code book`

Execution

- When we execute, invoke, call or run a function(All synonymous names) is the first time the code w/ in a function block will run
- At execution we have the opportunity to provide our function the actual values it will use to complete its task. These are called **arguments**
- We can execute a function by using the function name and using parenthesis including the arguments to be passed to the function