Algorithm

Naylene Rondon

Preference: Pseudocode

# MoreGuests\_NayleneRondon.py

* Start
* Import time
* Main function
  + Variables
    - Guest List
      * William Shakespeare
      * Edgar Allan Poe
      * Jane Austen
      * Mary Shelley
      * Benedict Cumberbatch
      * Martin Freeman
      * Katherine Johnson
  + Call invite function
* Invite Function – parameter is guests list
  + Print length of list
  + Loop
    - For loop
      * Output a print statement – Invites the guests
      * Use time statements to make a bit nicer
* noAttend Function – parameter is guests list
  + Pop a variable out
  + Create variable of new guy
  + Print statement mentioning the cancellation
  + Return modified guests
* Table function – parameter is guests list
  + Print an output explaining scenario
  + Variables including three new guests
  + Insert and append them as to instructions
  + Return guests
* Call main function
* End

# PizzaParty\_NayleneRondon.py

* Start
* Main Function
  + Call intro function
  + List Variable that calls GuestInput Function
  + Calls invite function and send fancy invites to the guests
* Intro function
  + Tells a fun story about a pizza party
* GuestInput – parameter how many guests
  + Uses Loop to continue asking for input
  + Allows user to input additional guests
  + Appends guests
* Invite Function – parameter guest list
  + Use for loop
  + Print out a fun guest invite based off list
* Cancel function – parameter guest list
  + Calls random number to choose
  + Tells a small story
  + Asks you to replace guest
* LargeTable function- parameter guest list
  + Tells a story and allows you to add more guests
* Pizza function
  + Ask them to create a list of pizza
  + Design a for loop to output.
* PizzaChange- parameter Guest list, Pizza list
  + One of the guests wants to change the pizza list
  + Another for loop for the changes
* Call Main Function
* End