**Python Project 1 – Play Ball!!**

Purpose: Calculate batting average for 12 players on a baseball team

* Use a menu for user options.
* Option 1 allows data entry of player name:
  + Prompt user to enter player name, and validate.
  + Allow entry of all 12 player names.
* Option 2 allows data entry of player statistics:
  + Prompt user to enter player number (1 thru 12), and validate.
  + Prompt user to enter number of At Bats, validate, and accumulate for chosen player.
  + Prompt user to enter number of Hits, validate, and accumulate for chosen player.
  + Validate that the number of Hits are not greater than the number of At Bats.
  + Allow user to enter these values until they are finished (your choice of how to end).
* Option 3 allows summary display:
  + Display a summary in column format showing player name, at bats, hits and average (format to 3 decimal positions – ex. 2 hits in 4 at bats would be .500 average).
  + All players should be shown on one page.
  + Be sure to handle division by zero.
* Limit the use of global variables. Practice the use of passing and returning values to/from your functions when feasible.
* Be sure to modularize your program. Consider separate functions for option 1, option 2 and option 3, and input/validation of each field.