1. Create a variable holding the string "Excelsior!" Now print only the **"x"** and then only print the **"!"**, each on their own line.
2. Create a variable holding the string "Avengers Assemble" Now create a loop that prints each letter on a separate line. At the end, just print a "!"
3. Create a variable called school to hold the string "Hogwarts". Create two more variables, the first (call it first) and it will slice out the "Hog" and the other (call it second) will slice out the "warts" from the first variable. (Do not just save the strings "Hog and "warts" into these two variables!) Now print first and second and then print the last letter of school.
4. Create a tuple that holds the names of the Hogwarts schools of wizardry: Hufflepuff, Gryffindor, Ravenclaw, Slytherin. Now create a loop that will print each item in the tuple, each on one line.
5. Create two tuples. One holds the strings: "Red" and "Blue. The other holds the strings "Green" and "Yellow". Concatenate the two tuples into a new tuple and then print that new tuple .
6. Create a tuple with the strings in it: Batman, Superman, Aquaman, Deadpool. Now create a FOR loop that uses the **len** function to loop through the list. On each iteration, check if the tuple item is Deadpool. If it is NOT, then print the tuple item. If it is, do nothing. **You are required to use loop using the len and index to get receive the full amount of points on this question.**
7. Create a tuple called friends that holds the strings: Monica, Joey, Chandler. Now print the element in the tuple that says Joey using the index of the tuple. Now create a variable called married that will concatenate indexed items from the tuple to create the string "Monica and Chandler". Now print married.
8. Create the friends tuple from 7 again. Now create a variable that will hold the indexed tuple item that has "Joey" in it. Now create another variable that will hold ONLY the "oe" from the previous variable using string slicing. Print the last variable. (Output should say **"oe"**)
9. Create a function named monthDays with a parameter of tup. Within the function, create a loop that goes through the months tuple. One each iteration, test these:  
   If the iteration holds the strings January or March, print that month name and then **" has 31 days".**  
   If the iteration holds the month February, print that month name and then **" has 28 days".**  
   If the iteration holds the month April, print that month name and then " has 30 days".  
   Outside of the function, create a tuple called months that holds the strings: January, February, March, April. Now pass the tuple into a function call for monthDays.
10. For this one use the random library. First, create a function called getRands that will have a parameter called ceiling. Within that function, create a loop that will loop the 10 times and in each loop, it creates a variable that is an integer between 1 and the number in the variable ceiling. Then test if that integer is less than 3. If it is, print that number. Now call getRands and pass in the argument: 10. You must have this answer in function form to get credit.