07 / 15 / 2019 Exercise

1. When writing this program, you must write a *main()* function, along with three other functions:
   1. *get\_username()*
   2. *check\_leap\_year()*
   3. *check\_numbers()*
2. The variables for the username, password, and date of birth must be stored in main.
3. When writing the function get\_username()
   1. You will ask the user to input their username, store it in a variable, and then return the value to main.
   2. You will print out the length of the username to the user like so:
      1. “The username <username here> is <username length here> characters long.”
4. When writing the function *check\_leap\_year():*
   1. You will ask the user to input the current year. You must then check if the year inputted is currently a leap year.
      1. Leap years happen every four years, the last one occurring 2016 and the next one being 2020.
   2. If it is a leap year, output to the user: “<year here> is a leap year.”
   3. If it is not a leap year, output to the user: “<year here> is not a leap year.”
5. When writing the function *check\_numbers():*
   1. You will ask the user to input three numbers and store them in three variables.
   2. You will then compare the three numbers and output the largest of the three numbers: “<number here> is the largest number.”