

Programming Problems

For each of these problems (unless otherwise specified), write the needed code directly in the Python file, under the comment and print statement that correspond to the problem. Do not delete the provided print statements- we're using them to autograde.

If you find yourself struggling to get your code to work, remember your resources! Office hours in particular are useful for debugging problems.

Before you submit: click 'Run File as Script' to make sure your code runs without raising an error message. Any syntax or runtime errors left in the code will result in a deduction on the assignment grade. You should do this for all future programming assignments as well.

#1 - Data Types - 20pts

Can attempt after Programming Basics lecture

Under the line `print(' ---1--- ')`, write Python code to:

1. Assign the integer 15 to the variable **a**.
2. Assign the float 3.14 to the variable **b**.
3. Assign the string "20" to the variable **c**.
4. Assign the boolean True to the variable **d**.
5. Evaluate 5 minus 1.7 and assign that expression to the variable **e**.
6. Check whether 8 is less than 5 and assign that expression to the variable **f**.
7. Reassign the variable **a** to hold the value 45.
8. Concatenate **c** and "21" and assign the result to variable **g**. Don't change the value in **c**.

Feel free to print any of these variables to check your work.