

Programming Assignment 1

Objectives:

- Practice reading input from the keyboard
- Practice displaying output to the screen
- Practice indexing/slicing and string methods

Assignment:

In this assignment, you are going to write a program that asks the user for their full email address and their 10-digit phone number. The phone number will be entered using only digits as seen in the sample executions. After the user has entered their info, display:

- The domain of their email (everything after the @). The first letter must be uppercase.
- Their user name (everything before the @ in the email).
- Their phone number in the format (###) ###-####

The sample executions show the results you should get if you enter the given email and phone number. **Note:** the code isn't written twice; the program is run twice with different user input each time.

Sample Executions:

Example 1:

```
=====
                        YOUR INFO
=====

Enter email: abc123@gmail.com
Enter phone number: 1234567890

=====

Domain:      Gmail.com

User Name: abc123

Phone:       (123) 456-7890
```

Example 2:

```
=====
                        YOUR INFO
=====

Enter email: 987xyz@yahoo.com
Enter phone number: 9876543217

=====

Domain:      Yahoo.com

User Name: 987xyz

Phone:       (987) 654-3217
```

Requirements:

- Use an updated comment block
- Your program should use the following comment block at the very beginning of your program.

```
# Name: Your name          Date Assigned: Fill in
#
# Course: 2000-Sec #       Date Due: Fill in
#
# File name: Fill in
#
# Program Description: Brief description of what the program does.
```

- Use appropriate comments throughout the program
- Make good use of whitespace
- Output must be neat, logical, and easy to understand.

Deliverables:

- Upload the file that has your source code to Moodle. The file should be from **script** mode, NOT interactive mode.

Grading:

Total Points	10 points
Display header	1 point
Get email from user correctly	1 point
Get phone number from user correctly	1 point
Create the domain correctly	1.5 point
Create the user name correctly	1 point
Format the phone number correctly	1.5 point
Display domain	1 point
Display user name	1 point
Display phone number	1 point
Not enough comments/whitespace.	-1 point
Output is difficult to read / understand or messy.	-1 point
Doesn't have good variable names.	-1 point