

CPSC 1301, Computer Science I Programming Exercise

Week 01, Hello.py

July 9, 2021

1 Instructions

Write a Python program. It should (1) print the name of the file (the `hello()` function), (2) a “Hello from ...” message (the `helloname()` function), (3) your Python version and version information, (4) your computer information including the name of your operating system, the name of your machine, the current version of your OS, and machine information (see the output), and (5) CSU in all caps. You will need to read the documentation for the Python modules `sys` (<https://docs.python.org/3/library/sys.html>) and `platform` (<https://docs.python.org/3/library/platform.html>). You should use the template below. Your output should be similar to the output shown below.

Your deliverable is *one* plain text file (that is, it should have a `.txt` extension), with your program source code at the top and the output at the bottom. **Name the file with the exercise number and your last name.** That is, my deliverable would be named `Hello_carter.txt`. Create a new plain text file using your favorite text editor, copy your source listing and paste it into the file, then copy the output and paste it into the file. You can generate an output text file by using the output redirection operator (`>`) like this:

PROMPT: `Hello.py > output01.txt`

2 Template

Please use this template for your first program.

```

1  #!/python
2  # Name: Hello.py
3  # Author: [your name]
4  # Date; [current date]
5  # Purpose: programming exercise 01: writing and calling methods that take no parameters and
       return no values
6
7  import sys
8  import platform
9
10 def hello():
11     pass
12
13 def helloname():
14     pass
15
16 def sys_info():
17     pass
18
19 def platform_info():
20     pass
21
22 def print_csu():
23     pass
24
25 #main function executes the defined functions
26 if __name__ == '__main__':

```

```

27     hello()
28     helloname()
29     sys_info()
30     platform_info()
31     print_csu()

```

3 Output

Your output should match this listing.

This is programming exercise 01

Hello from Charles Carter

```

version: 3.8.3 (default, Jul  2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)]
version_info: sys.version_info(major=3, minor=8, micro=3, releaselevel='final', serial=0)

system: Windows
node: ccc-lenovo
release: 10
version: 10.0.19041
machine: AMD64
processor: Intel64 Family 6 Model 158 Stepping 13, GenuineIntel
platform: Windows-10-10.0.19041-SP0

```

```

CCCCCCCC  SSSSSSSS  UU    UU
CCCCCCCC  SSSSSSSS  UU    UU
CC         SS       UU    UU
CC         SS       UU    UU
CC         SSSSSSSS UU    UU
CC         SSSSSSSS UU    UU
CC         SS       UU    UU
CC         SS       UU    UU
CCCCCCCC  SSSSSSSS  UUUUUUUU
CCCCCCCC  SSSSSSSS  UUUUUUUU

```