

Instructions:

Submission date: Oct 18th 11.00 pm.

Save the programs into a folder **firstname_lastnameHW3** and zip the folder.

Email the assignment to ashakiran.byrappa@wmich.edu with **subject CS2100: HW3**

- 1) Write a function to reverse a string provided by the user. Display the string before and after reversing. The default string value is "Greeting".
- 2) Write a function to swap two variables "a and b". Variables can be int, string, list or dictionaries.
- 3) Write a function called prime that returns 1 if the argument is a prime number and returns 0 otherwise.
- 4) Write a recursive program to generate Fibonacci series for n numbers.