Instructions:

Submission date: Sep 29th 11.00 pm.

Save the programs into a folder **firstname_lastnameHW1** and zip the folder.

Email the assignment to ashakiran.byrappa@wmich.edu with **subject CS2100: HW1**

1) Write a program asking the user to input the value of n and calculate the approximate value of n factorial using the below formula. Also calculate n factorial using factorial method from math module and print both the results.

$$n! \sim \sqrt{2\pi n} \left(\frac{n}{e} \right)^n$$

2) Write a program to display the values in the dictionary Student in a tabular column as shown below.

Student = { "John" : { "join_date" = "05/03/2011", "Percent" = 80.055 }
      "Don" : { "join_date" = "05/10/2011", "Percent" = 75.06777 }
      "Smith" : { "join_date" = "04/04/2011", "Percent" = 85.8005 }}

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----------------------------------------------------------------------------------------
|       Student          |       Join_date    |        Percent             |
|                        |                    |                            |
----------------------------------------------------------------------------------------
|       John             |       05/03/2011   |        80.05 %             |
----------------------------------------------------------------------------------------
|       Don              |       05/10/2011   |        75.06 %             |
----------------------------------------------------------------------------------------
|       Smith            |       04/04/2011   |        85.80 %             |
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```