

python3 student_no.py # takes inputs from the terminal and displays results (if any).

python3 student_no.py<input1.txt # it takes inputs from input1.txt and displays the result in the terminal.

python3 student_no.py<input1.txt>myoutput.txt # it takes the inputs from input1.txt and creates the myoutput.txt document and writes the result here.

diff output1.txt myoutput.txt # compares the document output1.txt with the document myoutput.txt.

diff --ignore-all-space output1.txt myoutput.txt # compares the document output1.txt with the document myoutput.txt without ignoring the spaces.

QUESTION 1

Write a Python program that finds the factorial of an integer given by the user.

Note: Using loop is mandatory.

Example 5 5 x 4 x 3 x 2 x 1 = 120	Example 7 7 x 6 x 5 x 4 x 3 x 2 x 1 = 5040
Example 1 120	Example 2 5040