GHANA COMMUNICATION
TECHNOLOGY UNIVERSITY

INSTITUTE OF CONTINUING
AND DISTANCE EDUCATION (ICDE)

COURSE CODE	CICS 112
COURSE TITLE	PROGRAMMING WITH C++
NAME	Agbenyo Delator Rogers
STUDENT ID	2425140023
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QUESTION:

Write an algorithm to find the factorial of a number entered by a user.

ANSWER

Step 1: Start

Step 2: Take input and store a non-negative number in *num*

Step 3: Initialize *factorial* = 1 and *counter* = 1

Step 4: While counter <= num, do:

   $factorial = factorial * counter$

   $counter = counter + 1$

Step 5: Output *factorial*

Step 6: End