

Page No. _____
Date: ____/____/____

(Q.2) write a java program to find the factorial of given number.

* Algorithm:

STEP 1 :- Read input num from user.

STEP 2 :- check $num == 0$ if yes then print factorial is 1 and goto STEP 7. else goto STEP 3.

STEP 3 :- ~~IF~~ Set sum variable to 1 and check condition $num > 0$ if yes then goto STEP 4 else goto STEP 6
~~Print Factorial = sum~~

STEP 4 :- Set $sum = sum * num$ and decrease the num by 1.

STEP 5 :- Repeat STEP 3 & ~~until~~ until $num > 0$ gets fail.

STEP 6 :- Print Factorial = sum & goto STEP 7.

STEP 7 :- Exit the Algorithm.

