



INTRODUCTION TO JAVA

LECTURE 4 : CONDITIONALS AND LOOPS

(Find power of a number)

Write a program to find x to the power n (i.e. x^n). Take x and n from the user. You need to print the answer.

Note : For this question, you can assume that 0 raised to the power of 0 is 1

Input format :

Two integers x and n (separated by space)

Output Format :

x^n (i.e. x raise to the power n)

Constraints:

$0 \leq x \leq 8$

$0 \leq n \leq 9$

Sample Input 1 :

3 4

Sample Output 1 :

81

Sample Input 2 :

2 5

Sample Output 2 :

32
