**Character at Index**

Somu has an excellent visualization skill using which he answers any logical and arithmetic calculation by mind calculation. To test his skill, Ramu gave him the following question. Given a String, s, and an integer, i, find the character present at the given index, i, when the string is repeatedly concatenated.  
Write a program to  help Somu.  
  
**Input Format:**  
First line of the input is the string, s. Assume max length of the string is 50.  
Second line is an Integer that denotes the index value, i.  
  
**Output Format:**  
Output is a character present at ith index.  
  
**Note:**  
Print "Invalid" if the index is negative.  
  
**Sample Input 1:**  
Amphibian  
25  
**Sample Output 1:**  
a  
  
**Sample Input 2:**  
Java  
-1  
**Sample Output 2:**  
Invalid   
  
  
**Explanation for Sample1:**  
input String is "Amphibian".  
After repeated concatenation, the string becomes "AmphibianAmphibianAmphibianAmphibian......"  
The character at 25 th index is 'a'.