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1 // Calculating a number of force
2 import java.util.Scanner;
3 public class Solution {
4     static int forceE(int base, int force) {
5         if (force == 0) {
6             return 1;
7         } else {
8             return base * forceE(base, force - 1);
9         }
10    }
11    // This program finds a number of force. In program recursive method is used.
12    // Recursive method calculate number of force.
13    // 2^3 = 2 * 2 * 2 = 8 , 5^2 = 5 * 5 = 25 ...
14    // Bu program bir sayının kuvvetini bulur. programda özyinelemeli(recursive) metot kullanılır.
15    // Özyinelemeli metot sayının kuvvetini hesaplar.
16
17    public static void main(String[] args) {
18        Scanner input = new Scanner(System.in);
19        System.out.print("ENTER A BASE : ");
20        int b = input.nextInt();
21        System.out.print("ENTER A FORCE : ");
22        int f = input.nextInt();
23        System.out.print("RESULT : " + forceE(b, f));
24
25    }
26 }
27 }
28
```