public class Lesson12\_01\_Pow {  
 public static void main(String[] args) {  
 System.*out*.printf("%d^%d = %d%n", 2, 4, *pow*(2, 4));  
 System.*out*.printf("%d^%d = %d%n", 5, 3, *powRecursive*(5, 3));  
 }  
  
 public static int pow(int a, int b){  
 int product = 1;  
 for(int i = 0; i < b; i++){  
 product = product \* a;  
 }  
 return product;  
 }  
  
 public static int powRecursive(int a, int b){  
 if(b == 0){  
 return 1;  
 } else {  
 return a \* *powRecursive*(a, b - 1);  
 }  
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