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| **OUTPUT:** | class Recursion\_Exercise\_1 {  public static void main(String[] args)  {  int result = foo(3);  System.out.println(  "End result: " + result);  }  public static int foo(int f) {  System.out.println("Handed " + f);  if (f <= 0)  return f;  else {  int result = foo(f - 1);  System.out.println(  "Returning " + result);  result++;  return result;  }  }  } | ***These extra, italicized copies  aren't 'real' – they're just here so it's easier for you to visualize the recursion as if it happened in multiple, separate methods***    *public static int foo(int f) {*  *System.out.println("Handed " + f);*  *if (f <= 0)*  *return f;*  *else {*  *int result = foo(f - 1);*  *System.out.println(*  *"Returning " + result);*  *result++;*  *return result;*  *}*  *}* |
| *public static int foo(int f) {*  *System.out.println("Handed " + f);*  *if (f <= 0)*  *return f;*  *else {*  *int result = foo(f - 1);*  *System.out.println(*  *"Returning " + result);*  *result++;*  *return result;*  *}*  *}* | *public static int foo(int f) {*  *System.out.println("Handed " + f);*  *if (f <= 0)*  *return f;*  *else {*  *int result = foo(f - 1);*  *System.out.println(*  *"Returning " + result);*  *result++;*  *return result;*  *}*  *}* |