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Estructura de Datos Abstractos

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Recursividad

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\*Funciones recursivas chidas

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\* date 19/oct/2023

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public class Recursividad

{

public int factorialFor(int x) {

if(x==1)

{

return x;

}

int total = 1;

for (int i=2 ; i<=x ; i++)

{

total = total \* i;

}

return total;

}

public int factorial(int x){

if(x == 1){

return x;

}

return x \* factorial(x - 1);

}

}

\*

\* @author EOGJ

\* @version Date 19/oct/2023

\*/

public class TestRecursividad

{

public static void main(String [] args) {

Recursividad r= new Recursividad();

int n = Integer.parseInt(args[0]);

System.out.println(n+ "! =" + r.factorialFor(n));

System.out.println(n+ "! =" + r.factorial(n));

}

}

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