

Tarea 2 POO

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A continuación se presentan evidencias del funcionamiento de los programas de los ejercicios propuestos en clase.

- Ejercicio 1:

```
--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Hola, ya se imprimir frases.

BUILD SUCCESS

Total time: 6.849 s
Finished at: 2024-11-19T21:01:49-05:00
```

- Ejercicio 2:

```
--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
273

BUILD SUCCESS

Total time: 3.754 s
Finished at: 2024-11-19T21:06:07-05:00
```

- Ejercicio 3:

```
--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
5.3

BUILD SUCCESS

Total time: 3.392 s
Finished at: 2024-11-19T21:06:53-05:00
```

- Ejercicio 4:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
1766

-----
BUILD SUCCESS
-----

Total time: 3.628 s
Finished at: 2024-11-19T21:07:38-05:00
-----

```

- Ejercicio 5:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
702

-----
BUILD SUCCESS
-----

Total time: 3.519 s
Finished at: 2024-11-19T21:08:06-05:00
-----

```

- Ejercicio 6:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
656488

-----
BUILD SUCCESS
-----

Total time: 3.630 s
Finished at: 2024-11-19T21:08:34-05:00
-----

```

- Ejercicio 7:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
2.319548872180451

-----
BUILD SUCCESS
-----

Total time: 3.592 s
Finished at: 2024-11-19T21:08:58-05:00
-----

```

- Ejercicio 8:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
1
2
3

-----
BUILD SUCCESS
-----
Total time: 3.609 s
Finished at: 2024-11-19T21:09:31-05:00
-----

```

- Ejercicio 9:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
1
2
3
4
5
6
7
8
9

-----
BUILD SUCCESS
-----
Total time: 3.734 s
Finished at: 2024-11-19T21:09:55-05:00
-----

```

- Ejercicio 10:

```

Output - Run (Ejercicio10) x
9980
9981
9982
9983
9984
9985
9986
9987
9988
9989
9990
9991
9992
9993
9994
9995
9996
9997
9998
9999
10000

-----
BUILD SUCCESS
-----
Total time: 3.985 s
Finished at: 2024-11-19T21:10:28-05:00
-----

```

- Ejercicio 11:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2P00 ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2P00\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2P00 ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2P00 ---
5
6
7
8
9
10

-----
BUILD SUCCESS
-----

Total time: 3.634 s
Finished at: 2024-11-19T21:11:42-05:00
-----

```

- Ejercicio 12:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2P00 ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2P00\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2P00 ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2P00 ---
5
6
7
8
9
10
11
12
13
14
15

-----
BUILD SUCCESS
-----

Total time: 3.605 s
Finished at: 2024-11-19T21:12:14-05:00
-----

```


- Ejercicio 15:

```
--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
0^2=0
1^2=1
2^2=4
3^2=9
4^2=16
5^2=25
6^2=36
7^2=49
8^2=64
9^2=81
10^2=100
11^2=121
12^2=144
13^2=169
14^2=196
15^2=225
16^2=256
17^2=289
18^2=324
19^2=361
20^2=400
21^2=441
22^2=484
23^2=529
24^2=576
25^2=625
26^2=676
27^2=729
28^2=784
29^2=841
30^2=900

-----
BUILD SUCCESS
-----
Total time:  3.384 s
Finished at: 2024-11-19T21:13:34-05:00
-----
```

- Ejercicio 16:

```
--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
2432902009176640000

-----
BUILD SUCCESS
-----
Total time:  3.367 s
Finished at: 2024-11-19T21:14:14-05:00
-----
```

- Ejercicio 17:

```

La suma hasta x=79 es: 167480
La suma hasta x=80 es: 173880
La suma hasta x=81 es: 180441
La suma hasta x=82 es: 187165
La suma hasta x=83 es: 194054
La suma hasta x=84 es: 201110
La suma hasta x=85 es: 208335
La suma hasta x=86 es: 215731
La suma hasta x=87 es: 223300
La suma hasta x=88 es: 231044
La suma hasta x=89 es: 238965
La suma hasta x=90 es: 247065
La suma hasta x=91 es: 255346
La suma hasta x=92 es: 263810
La suma hasta x=93 es: 272459
La suma hasta x=94 es: 281295
La suma hasta x=95 es: 290320
La suma hasta x=96 es: 299536
La suma hasta x=97 es: 308945
La suma hasta x=98 es: 318549
La suma hasta x=99 es: 328350
La suma hasta x=100 es: 338350

```

BUILD SUCCESS

Total time: 3.595 s
Finished at: 2024-11-19T21:14:49-05:00

- Ejercicio 18:

```

La suma parcial adicionando 89 es 3960
La suma parcial adicionando 90 es 4050
La suma parcial adicionando 91 es 4141
La suma parcial adicionando 92 es 4233
La suma parcial adicionando 93 es 4326
La suma parcial adicionando 94 es 4420
La suma parcial adicionando 95 es 4515
La suma parcial adicionando 96 es 4611
La suma parcial adicionando 97 es 4708
La suma parcial adicionando 98 es 4806
La suma parcial adicionando 99 es 4905
La suma parcial adicionando 100 es 5005
La suma parcial adicionando 101 es 5106
La suma parcial adicionando 102 es 5208
La suma parcial adicionando 103 es 5311
La suma parcial adicionando 104 es 5415
La suma parcial adicionando 105 es 5520
La suma parcial adicionando 106 es 5626
La suma parcial adicionando 107 es 5733
La suma parcial adicionando 108 es 5841
La suma parcial adicionando 109 es 5950
La suma parcial adicionando 110 es 6060

```

BUILD SUCCESS

Total time: 24.849 s
Finished at: 2024-11-19T21:15:55-05:00

- Ejercicio 19:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingresa la cantidad de euros
2
La cantidad de dolares es 2.12

```

BUILD SUCCESS

Total time: 9.395 s
Finished at: 2024-11-19T21:16:37-05:00

- Ejercicio 20:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese la altura
23
Ingrese el ancho
10
El area es 230.0

-----
BUILD SUCCESS
-----

Total time: 11.413 s
Finished at: 2024-11-19T21:17:47-05:00
-----

```

- Ejercicio 21:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese un numero

16
Ingrese otro numero

26
26.0 es mayor que 16.0

-----
BUILD SUCCESS
-----

Total time: 24.728 s
Finished at: 2024-11-19T21:18:41-05:00
-----

```

- Ejercicio 22:

```

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese un numero

17
Los numero impares menores son

1
3
5
7
9
11
13
15

-----
BUILD SUCCESS
-----

Total time: 17.699 s
Finished at: 2024-11-19T21:19:24-05:00
-----

```


- Ejercicio 23:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Recompiling the module because of changed source code.
Compiling 31 source files with javac [debug release 23] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese un entero

105
Ingrese otro entero

228
El maximo comun divisor es 3

-----
BUILD SUCCESS
-----

Total time: 29.250 s
Finished at: 2024-11-19T21:20:31-05:00
-----

```

- Ejercicio 24:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Nothing to compile - all classes are up to date.

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese el coeficiente a

2,3
Ingrese el coeficiente b

4,9
Ingrese el coeficiente c

1
Las soluciones son -0.22861385196113657 y -1.9018209306475595

-----
BUILD SUCCESS
-----

Total time: 14.678 s
Finished at: 2024-11-19T21:28:18-05:00
-----

```

- Ejercicio 25:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Nothing to compile - all classes are up to date.

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Escoja una opcion:
1 factorial
2 Ackermann
1
Escriba un numero entero
6
6! es igual a 720

-----
BUILD SUCCESS
-----

Total time: 12.308 s
Finished at: 2024-11-19T21:29:04-05:00
-----

```

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Nothing to compile - all classes are up to date.

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Escoja una opcion:
1 factorial
2 Ackermann
2
Escriba un numero entero
1
Escriba otro numero entero
2
A(1,2) es igual a 4

-----
BUILD SUCCESS
-----

Total time: 9.408 s
Finished at: 2024-11-19T21:29:38-05:00
-----

```

- Ejercicio 26:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Nothing to compile - all classes are up to date.

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese un entero positivo

6
Ingrese otro entero positivo

100
Ingrese otro entero positivo

28
El menor entero es 6 y el mayor entero es 100

-----
BUILD SUCCESS
-----

Total time: 21.589 s
Finished at: 2024-11-19T21:30:47-05:00
-----

```

- Ejercicio 27:

```

--- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

--- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
Nothing to compile - all classes are up to date.

--- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
Ingrese la temperatura en grados Fahrenheit

98
La temperatura en Celsius es 36.666668

-----
BUILD SUCCESS
-----

Total time: 10.923 s
Finished at: 2024-11-19T21:31:21-05:00
-----

```

- Ejercicio 28:

```

----- com.mycompany.tarea2POO -----
[ ] Building Tarea2POO 1.0-SNAPSHOT
    from pom.xml
-----[ jar ]-----

[ ] --- resources:3.3.1:resources (default-resources) @ Tarea2POO ---
    skip non existing resourceDirectory C:\Users\adria_6\OneDrive\Documentos\NetBeansProjects\Tarea2POO\src\main\resources

[ ] --- compiler:3.13.0:compile (default-compile) @ Tarea2POO ---
    Nothing to compile - all classes are up to date.

[ ] --- exec:3.1.0:exec (default-cli) @ Tarea2POO ---
    Caso 0
    Caso 1
    Caso 2
-----

BUILD SUCCESS
-----

Total time:  1.804 s
Finished at: 2024-11-19T21:31:52-05:00
-----

```

- Ejercicio 29: (El programa devuelve -1 cuando el usuario utiliza la combinación para fin del archivo EOF)

```

C:\Users\adria_6\OneDrive\Documentos\Java P00>java Ejercicio291
Escriba una entrada
^Z
-1

```

- Ejercicio 30:



```

Output - Run (Ejercicio30) x
[ ] Ingrese un entero positivo
[ ] 25
[ ] Los numeros primos menores que 25 son
[ ] 23
[ ] 19
[ ] 17
[ ] 13
[ ] 11
[ ] 7
[ ] 5
[ ] 3
[ ] 2
-----

BUILD SUCCESS
-----

Total time:  6.698 s
Finished at: 2024-11-19T21:33:48-05:00
-----

```