CUARTA PRÁCTICA CALIFICADA

Curso: **Fundamentos de Programación CC112 - A**

Nombres y Apellidos: Yenque Vega Retis

Código: 20240659A

1.

```
test01@pcs5:~/Documentos/PC02/Semana05/PC4$ valgrind ./build/debug/problema1
==6018== Memcheck, a memory error detector
==6018== Copyright (C) 2002-2022, and GNU GPL'd, by Julian Seward et al.
==6018== Using Valgrind-3.22.0 and LibVEX; rerun with -h for copyright info
==6018== Command: ./build/debug/problema1
==6018==

Polinomio 1: 1x^2 + 3
Polinomio 2: -4x^1 + 5
Polinomio 3: 3x^2 + 1

Suma de los tres polinomios: 4x^2 + -4x^1 + 9

Producto de los tres polinomios: -12x^5 + 15x^4 + -40x^3 + 50x^2 + -12x^1 + 15
==6018==
==6018== HEAP SUMMARY:
==6018==     in use at exit: 0 bytes in 0 blocks
==6018==   total heap usage: 7 allocs, 7 frees, 74,820 bytes allocated
==6018==
==6018== All heap blocks were freed -- no leaks are possible
==6018==
==6018== For lists of detected and suppressed errors, rerun with: -s
==6018== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```

2.

```
test01@pcs5:~/Documentos/PC02/Semana05/PC4$ valgrind ./build/debug/problema2
==6626== Memcheck, a memory error detector
==6626== Copyright (C) 2002-2022, and GNU GPL'd, by Julian Seward et al.
==6626== Using Valgrind-3.22.0 and LibVEX; rerun with -h for copyright info
==6626== Command: ./build/debug/problema2
==6626==

Nombre de la seleccion 1: pais1
Nombre de la seleccion 2: pais2
Nombre de la seleccion 3: pais3
Nombre de la seleccion 4: pais4
Nombre de la seleccion 5: pais5
Seleccion              PG    PE    PP    GF    GC    DG    Pts    Rend(%)
---------------------------------------------------------------------------
pais1                  45    14    41    281   257   24    149    49.7
pais2                  41    12    47    220   238   -18   135    45.0
pais3                  44    9     47    230   246   -16   141    47.0
pais4                  39    19    42    251   265   -14   136    45.3
pais5                  40    18    42    245   254   -9    138    46.0

==6626==
==6626== HEAP SUMMARY:
==6626==     in use at exit: 0 bytes in 0 blocks
==6626==   total heap usage: 4 allocs, 4 frees, 76,104 bytes allocated
==6626==
==6626== All heap blocks were freed -- no leaks are possible
==6626==
==6626== For lists of detected and suppressed errors, rerun with: -s
==6626== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
test01@pcs5:~/Documentos/PC02/Semana05/PC4$
```