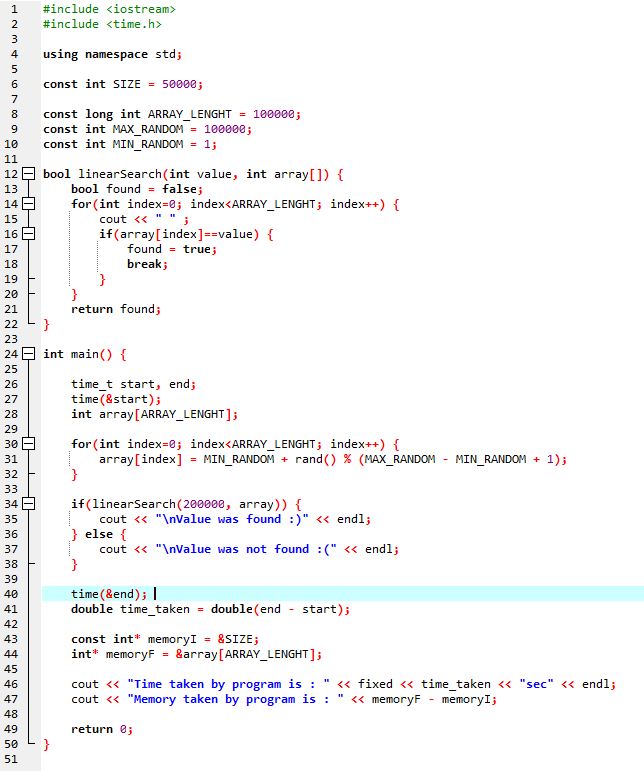
**Análisis de Algoritmos - Caso #3**

Kendall Cascante

David Suárez

**Código Fuente del Algoritmo Seleccionado en C++**



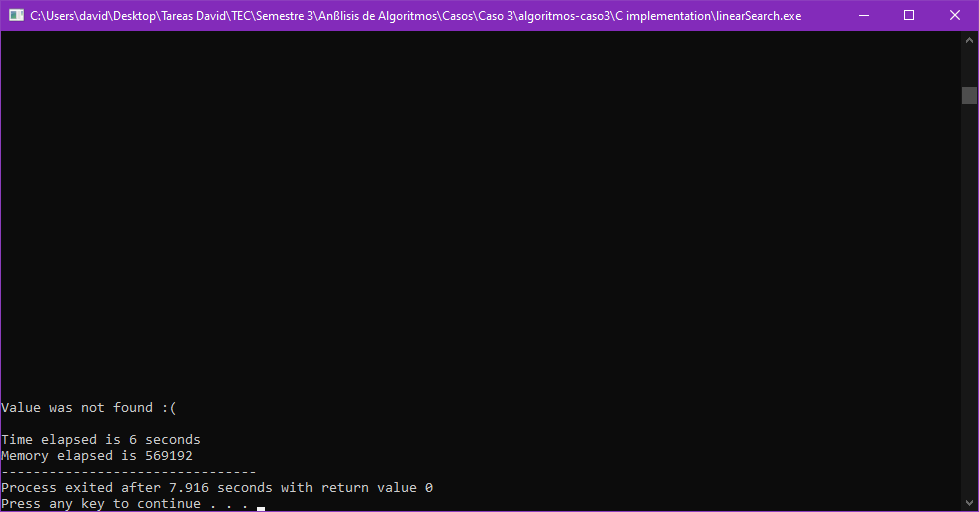
**Tabulación de Resultados**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| n (array size) | C++ linear search | C linear search | Go linear search | Rust linear search |
| (in seconds) | (in seconds) | (in seconds) | (in seconds) |
| 500 | 0 | 0 | 0.1 | 0.2 |
| 5000 | 0 | 0 | 3.1 | 2.4 |
| 10000 | 1 | 1 | 4.2 | 3.3 |
| 30000 | 2 | 2 | 10.8 | 9.6 |
| 50000 | 4 | 3 | 16.0 | 14.9 |

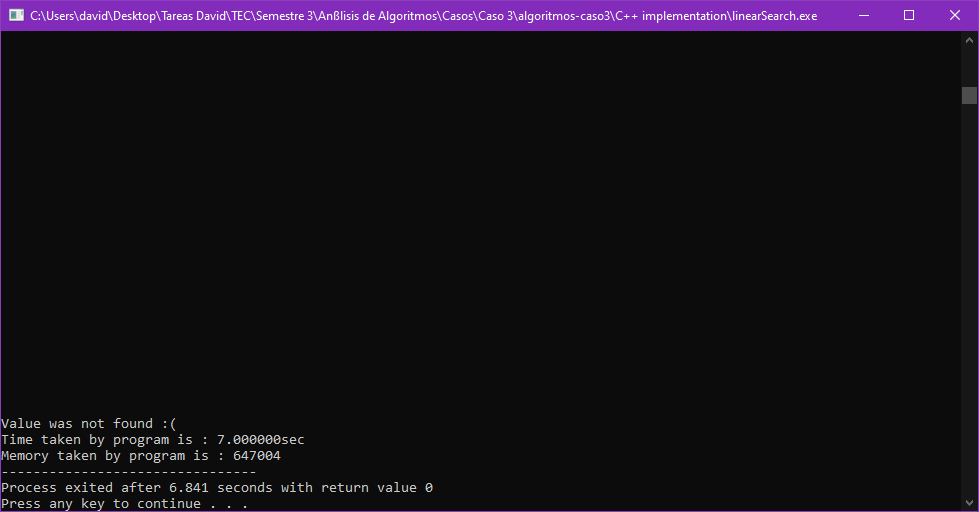
**Imágenes del Proceso**

a)

Ejecución en C

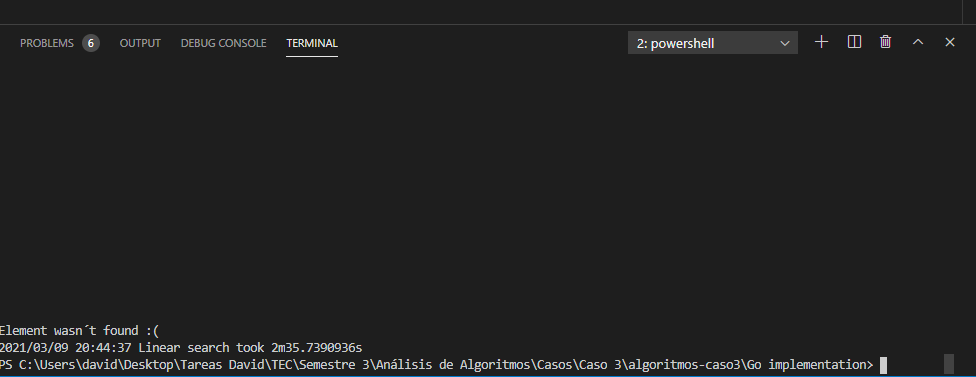


Ejecución en C++



b)

Ejecución en Go



Ejecución en Rust

