```
Config File
                  # System setup
                  LAS=4GB
                                                                                               struct nodo{
                  PAS=1GB
                                                                                                   int valor;
                  PAGESIZE=128B
                                                                                                   int aux; //Usada para LRU y FIFO
                  # Process setup
                                                                                                   int aux_optimal; // Usada para Optimal
                  PROCESS NAME=P0
                                                                                               } * nodos;
                  PROCESS SIZE=7300B
                  PROCESS_MEMREF=898,100,150,260,127,400,110,515,180,420,120,425,256,175,270
                                                                                                                                            Algoritmos de
                  ALGORITHM=LIFO
                  PAGE FRAMES=4
                                                                                                                                             Reemplazo
                                                Limpiador y
                                                                                                               Calculos
                                             analizador de linea
                         System Setup
                                                                    Process Setup
                                                                                                                                                          Almacenar
                                                                                                                                                            registro
                                                                                                                                                            cada t
            struct system setup{
                                             Conversores
                                                                                                         Valores
                char* las;
                                                                  struct process_setup{
                                                                                                                     Parte Entera
             int las_valor;
                                                                      char* nombre;
                                                                                                       Originales
                int las_unidad;
                                                                      char* size;
                int las_convertido;
                                                                      int size_valor;
                char* pas;
                                                                      int size_unidad;
                                                                                                                                                  Sumarizar
                                                                      int *mem_ref;
                int pas_valor;
                int pas_unidad;
                                                                      int *ref_string;
                                                                                                                                                 y presentar
                int pas_convertido;
                                                                      int ref_string_size;
                                                                                                       Exponente
                                                                                                                      Arreglo de
                char* page_size;
                                                                      char *algoritmo;
                                                                                                       en Base 10
                                                                                                                      memoria y
                int page_size_valor;
                                                                      int algoritmo_codigo;
                                                                                                      de la Unidad
                                                                                                                     conversion
                int page_size_unidad;
                                                                      int page_frames;
                int page_size_convertido;
                                                                  }proceso;
            }sistema;
               Valores
                                                                                                                 Number of pages marked as valid for the process)
                           Parte Entera
              Originales
                                                                                                                 Pages Valid = 7300b/128b = 57
                                                                                      Errores
                                                                                                                  Reference string based on the address sequence)
                                                           Calculos
                                                                                                                  Mem Ref: 898 100 150 260 127
                                                                                                                           400
                                                                                                                                110
                                                                                                                                      515
                                                                                                                                            180
                                                                                                                                                 420
                                                                                                                           120
                                                                                                                                425
                                                                                                                                      256
                                                                                                                                                 270
                            Conversion
             Exponente
             en Base 10
                            a exponete
                                                                                                                  Reference String: 7 0
             de la Unidad,
                            de Base 2
                                                                                                                                      0
                                                                                                                                    0 3 2 1 2
                                                                                                              8.- Show the output (table) of the page-replacement algorithm)
                                                                                                              Algorithm: optimal
   Ref Str: | 7 | 0 | 1 | 2 | 0 | 3 | 0 | 4 | 1 | 3 | 0 | 3 | 2 | 1 | 2 |
./Parte_1_Simulador/files/config_file_1
                                                                                                               Frame
  Resultados ====
                                                                                                                      0:
 Logical address structure: page bits and offset bits.
Page bits = 25
              Offset bits = 7
Physical address structure: frame bits and offset bits.
              Offset bits = 7
Page bits = 23
                                                                                                                      Max number of Page Table Entries (PTE).
              MAX number of PTE = 32
PTE size = 4B
                                                                                                              9.- Summarise number of hits and page fault
Max number of Frames.
                                                                                                                 Hit = 8
                                                                                                                              Miss = 7
Frame size = Page Size = 128b
                         MAX number of Frames = 7812500
```