



PROGRAMACIÓN ESTRUCTURADA

PROF. PEDRO NÚÑEZ YEPIZ

PRACTICA 13
ARCHIVOS BINARIOS

KEVIN ALEJANDRO GONZALEZ TORRES
372354 – GPO 932

REPOSITORIO

https://github.com/keevin-21/KAGT_Programacion_Estructurada_932

PROCEDIMIENTO

1.- AÑADIR REGISTROS

```
Registers added.  
Press any key to continue . . .
```

2.- EDITAR REGISTRO

```
Enter the ID of the worker you want to edit: 104016
```

```
Enter the ID of the worker you want to edit: 104016  
The ID [104016] was found.  
New data generated.  
Press any key to continue . . .
```

3.- BORRAR REGISTRO

```
Enter the ID of the worker you want to delete: 104016  
The ID [104016] was not found.  
Press any key to continue . . . █
```

```
Enter the ID of the worker you want to delete: 105221  
The ID [105221] was found.  
Are you sure you want to delete this register? (1 = Yes, 0 = No): 1  
The register was deleted.  
Press any key to continue . . . █
```

4.- BUSCAR REGISTRO

```
Enter the ID of the worker you want to search: 104473  
The ID [104473] was found.  
Press any key to continue . . .
```

5.- ACOMODAR REGISTRO

Sorting...

Press any key to continue . . .

6.- IMPRIMIR

REGISTER LIST							
NO. REGISTER	ENROLMENT	FATHER LASTNAME	MOTHER LASTNAME	NAME(S)	AGE	GENDER	
1	100083	PÉREZ	CRUZ	SOFIA	HRMANAGER	44	FEMENINO
2	101310	MENDOZA	JIMÉNEZ	HECTOR	MARKETINGMNGR	41	MASCULINO
3	101405	ROMERO	VARGAS	CARLOS	SOCIALMEDIA	31	MASCULINO
4	101662	GARCÍA	GONZÁLEZ	GABRIELA	TECHSUPPORT	34	FEMENINO
5	101670	MARTÍNEZ	JIMÉNEZ	JOSE	EXECUTIVE	23	MASCULINO
6	101864	LÓPEZ	ÚLVAREZ	JULIA	QAENGINEER	36	FEMENINO
7	102857	VARGAS	CRUZ	ALEJANDRO	HRMANAGER	41	MASCULINO
8	103813	HERNÁNDEZ	HERNÁNDEZ	LAURA	QAENGINEER	30	FEMENINO
9	104175	MENDOZA	DÍAZ	SERGIO	RECRUITER	27	MASCULINO
10	104473	VARGAS	VARGAS	PEDRO	LEGALADVISOR	34	MASCULINO
11	104537	DÍAZ	RAMÍREZ	DANIEL	MARKETINGANALYST	45	MASCULINO
12	104695	MENDOZA	MORENO	MARCO	GRAPHICDES	39	MASCULINO
13	104870	ÚLVAREZ	JIMÉNEZ	LUIS	APPDEV	44	MASCULINO
14	104961	ROMERO	ÚLVAREZ	CARLOS	TECHTRAINER	41	MASCULINO
15	105375	LÓPEZ	LÓPEZ	GUILLERMO	TECHTRAINER	23	MASCULINO
16	105403	VARGAS	GARCÍA	LORENA	SALESMANAGER	41	FEMENINO
17	105509	CRUZ	VARGAS	JAVIER	SOCIALMEDIA	24	MASCULINO
18	105992	RAMÍREZ	GONZÁLEZ	MARIA	WEBDESIGNER	43	FEMENINO
19	106115	VARGAS	MORENO	MARIA	RECRUITER	23	FEMENINO
20	106199	LÓPEZ	MORENO	HECTOR	WEBDESIGNER	37	MASCULINO
21	106893	MENDOZA	JIMÉNEZ	CAMILA	MARKETINGANALYST	39	FEMENINO
22	107097	ÚLVAREZ	PÉREZ	JOSE	DATANALYST	35	MASCULINO
23	107410	FERNÁNDEZ	ÚLVAREZ	PEDRO	MARKETINGMNGR	40	MASCULINO
24	107951	JIMÉNEZ	HERNÁNDEZ	ELENA	APPDEV	20	FEMENINO
25	108137	MENDOZA	ROMERO	CAROLINA	SOFTWAREENG	30	FEMENINO
26	108166	HERNÁNDEZ	JIMÉNEZ	LUCIA	TECHSUPPORT	26	FEMENINO
27	108238	ÚLVAREZ	ROMERO	LUCIA	TECHTRAINER	24	FEMENINO
28	108244	RODRÍGUEZ	MARTÍNEZ	CARLOS	SOCIALMEDIA	21	MASCULINO
29	108590	SUÍREZ	MENDOZA	NATALIA	TECHTRAINER	25	FEMENINO
30	108738	MENDOZA	MENDOZA	ISABEL	EXECUTIVE	23	FEMENINO
31	108944	MARTÍNEZ	TORRES	LUIS	TECHTRAINER	44	MASCULINO
32	108959	JIMÉNEZ	LÓPEZ	MARTIN	TECHTRAINER	19	MASCULINO
33	109005	ROMERO	GARCÍA	AURORA	WEBDESIGNER	21	FEMENINO
34	109802	GONZÁLEZ	HERNÁNDEZ	VALENTINA	TECHTRAINER	42	FEMENINO
35	109823	GONZÁLEZ	ÚLVAREZ	CLARA	SYSADMIN	45	FEMENINO
36	110009	HERNÁNDEZ	CRUZ	FRANCISCO	EXECUTIVE	43	MASCULINO
37	110062	ROMERO	RODRÍGUEZ	BEATRIZ	SYSADMIN	42	FEMENINO
38	111386	PÉREZ	MARTÍNEZ	PATRICIA	LOGISTICS	18	FEMENINO
39	111495	SÚNCHEZ	JIMÉNEZ	JULIA	EXECUTIVE	24	FEMENINO
40	112031	SUÍREZ	VARGAS	MIGUEL	GRAPHICDES	37	MASCULINO

PRESS ENTER TO SEE MORE REGISTERS

7.- CREAR .TXT

File's name: HOLAYEPIZ

HOLAYEPIZ.txt U X								
Actividad_13 > HOLAYEPIZ.txt								
1	1	100083	PÉREZ	CRUZ	SOFIA	HRMANAGER	44	FEMENINO
2	2	101310	MENDOZA	JIMÉNEZ	HECTOR	MARKETINGMNGR	41	MASCULINO
3	3	101405	ROMERO	VARGAS	CARLOS	SOCIALMEDIA	31	MASCULINO
4	4	101662	GARCÍA	GONZÁLEZ	GABRIELA	TECHSUPPORT	34	FEMENINO
5	5	101670	MARTÍNEZ	JIMÉNEZ	JOSE	EXECUTIVE	23	MASCULINO
6	6	101864	LÓPEZ	ÁLVAREZ	JULIA	QAENGINEER	36	FEMENINO
7	7	102857	VARGAS	CRUZ	ALEJANDRO	HRMANAGER	41	MASCULINO
8	8	103813	HERNÁNDEZ	HERNÁNDEZ	LAURA	QAENGINEER	30	FEMENINO
9	9	104175	MENDOZA	DÍAZ	SERGIO	RECRUITER	27	MASCULINO
10	10	104473	VARGAS	VARGAS	PEDRO	LEGALADVISOR	34	MASCULINO
11	11	104537	DÍAZ	RAMÍREZ	DANIEL	MARKETINGANALYST	45	MASCULINO
12	12	104695	MENDOZA	MORENO	MARCO	GRAPHICDES	39	MASCULINO
13	13	104870	ÁLVAREZ	JIMÉNEZ	LUIS	APPDEV	44	MASCULINO
14	14	104961	ROMERO	ÁLVAREZ	CARLOS	TECHTRAINER	41	MASCULINO
15	15	105375	LÓPEZ	LÓPEZ	GUILLERMO	TECHTRAINER	23	MASCULINO
16	16	105403	VARGAS	GARCÍA	LORENA	SALESMANAGER	41	FEMENINO
17	17	105509	CRUZ	VARGAS	JAVIER	SOCIALMEDIA	24	MASCULINO
18	18	105992	RAMÍREZ	GONZÁLEZ	MARIA	WEBDESIGNER	43	FEMENINO
19	19	106115	VARGAS	MORENO	MARIA	RECRUITER	23	FEMENINO
20	20	106199	LÓPEZ	MORENO	HECTOR	WEBDESIGNER	37	MASCULINO
21	21	106893	MENDOZA	JIMÉNEZ	CAMILA	MARKETINGANALYST	39	FEMENINO
22	22	107097	ÁLVAREZ	PÉREZ	JOSE	DATANALYST	35	MASCULINO
23	23	107410	FERNÁNDEZ	ÁLVAREZ	PEDRO	MARKETINGMNGR	40	MASCULINO
24	24	107951	JIMÉNEZ	HERNÁNDEZ	ELENA	APPDEV	20	FEMENINO
25	25	108137	MENDOZA	ROMERO	CAROLINA	SOFTWAREENG	30	FEMENINO
26	26	108166	HERNÁNDEZ	JIMÉNEZ	LUCIA	TECHSUPPORT	26	FEMENINO
27	27	108238	ÁLVAREZ	ROMERO	LUCIA	TECHTRAINER	24	FEMENINO
28	28	108244	RODRÍGUEZ	MARTÍNEZ	CARLOS	SOCIALMEDIA	21	MASCULINO
29	29	108590	SUÁREZ	MENDOZA	NATALIA	TECHTRAINER	25	FEMENINO
30	30	108738	MENDOZA	MENDOZA	ISABEL	EXECUTIVE	23	FEMENINO
31	31	108944	MARTÍNEZ	TORRES	LUIS	TECHTRAINER	44	MASCULINO
32	32	108959	JIMÉNEZ	LÓPEZ	MARTIN	TECHTRAINER	19	MASCULINO
33	33	109005	ROMERO	GARCÍA	AURORA	WEBDESIGNER	21	FEMENINO
34	34	109802	GONZÁLEZ	HERNÁNDEZ	VALENTINA	TECHTRAINER	42	FEMENINO
35	35	109823	GONZÁLEZ	ÁLVAREZ	CLARA	SYSADMIN	45	FEMENINO
36	36	110009	HERNÁNDEZ	CRUZ	FRANCISCO	EXECUTIVE	43	MASCULINO
37	37	110062	ROMERO	RODRÍGUEZ	BEATRIZ	SYSADMIN	42	FEMENINO
38	38	111386	PÉREZ	MARTÍNEZ	PATRICIA	LOGISTICS	18	FEMENINO
39	39	111495	SÁNCHEZ	JIMÉNEZ	JULIA	EXECUTIVE	24	FEMENINO
40	40	112031	SUÁREZ	VARGAS	MIGUEL	GRAPHICDES	37	MASCULINO
41	41	112143	MENDOZA	RODRÍGUEZ	DANIEL	CORPFINANCE	41	MASCULINO
42	42	112627	LÓPEZ	RAMÍREZ	GABRIELA	SYSADMIN	19	FEMENINO
43	43	112966	FERNÁNDEZ	GARCÍA	NATALIA	HRMANAGER	27	FEMENINO
44	44	113488	TORRES	SUÁREZ	FRANCISCO	CUSTOMERSERV	31	MASCULINO
45	45	113727	ÁLVAREZ	HERNÁNDEZ	LUCIA	QAENGINEER	19	FEMENINO
46	46	114686	CRUZ	JIMÉNEZ	LAURA	RECRUITER	36	FEMENINO
47	47	114812	LÓPEZ	LÓPEZ	BEATRIZ	TECHTRAINER	44	FEMENINO

8.- MOSTRAR CANTIDAD

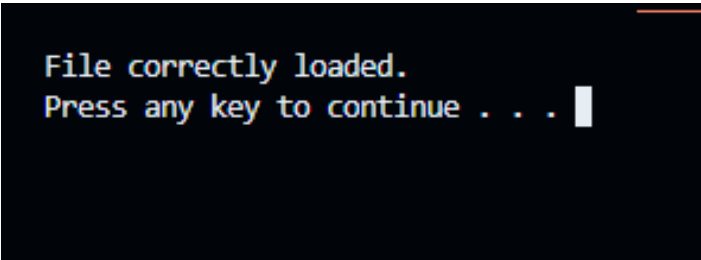
File's name: HOLAYEPIZ

1	100083	PÉREZ	CRUZ	SOFIA	HRMANAGER	44	FEMENINO
2	101310	MENDOZA	JIMÉNEZ	HECTOR	MARKETINGMNGR	41	MASCULINO
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4	101662	GARCÍA	GONZÁLEZ	GABRIELA	TECHSUPPORT	34	FEMENINO
5	101670	MARTÍNEZ	JIMÉNEZ	JOSE	EXECUTIVE	23	MASCULINO
6	101864	LÓPEZ	ÚLVAREZ	JULIA	QAENGINEER	36	FEMENINO
7	102857	VARGAS	CRUZ	ALEJANDRO	HRMANAGER	41	MASCULINO
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14	104961	ROMERO	ÚLVAREZ	CARLOS	TECHTRAINER	41	MASCULINO
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16	105403	VARGAS	GARCÍA	LORENA	SALESMANAGER	41	FEMENINO
17	105509	CRUZ	VARGAS	JAVIER	SOCIALMEDIA	24	MASCULINO
18	105992	RAMÍREZ	GONZÁLEZ	MARIA	WEBDESIGNER	43	FEMENINO
19	106115	VARGAS	MORENO	MARIA	RECRUITER	23	FEMENINO
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23	107410	FERNÁNDEZ	ÚLVAREZ	PEDRO	MARKETINGMNGR	40	MASCULINO
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27	108238	ÚLVAREZ	ROMERO	LUCIA	TECHTRAINER	24	FEMENINO
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30	108738	MENDOZA	MENDOZA	ISABEL	EXECUTIVE	23	FEMENINO
31	108944	MARTÍNEZ	TORRES	LUIS	TECHTRAINER	44	MASCULINO
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38	111386	PÉREZ	MARTÍNEZ	PATRICIA	LOGISTICS	18	FEMENINO
39	111495	SÚNCHEZ	JIMÉNEZ	JULIA	EXECUTIVE	24	FEMENINO
40	112031	SUÍREZ	VARGAS	MIGUEL	GRAPHICDES	37	MASCULINO
41	112143	MENDOZA	RODRÍGUEZ	DANIEL	CORPFINANCE	41	MASCULINO
42	112627	LÓPEZ	RAMÍREZ	GABRIELA	SYSADMIN	19	FEMENINO

9.- CREAR ARCHIVO BINARIO



10.- CARGAR ARCHIVO BINARIO



```
File correctly loaded.  
Press any key to continue . . .
```

A screenshot of a terminal window with a black background and yellow text. The text displays a confirmation message and a prompt for the user to press a key to continue. A small white cursor is visible at the end of the second line of text. A thin red horizontal line is present at the top right of the terminal window.

11.- MOSTRAR ELIMINADOS

REGISTER LIST

NO. REGISTER	ENROLMENT	FATHER LASTNAME	MOTHER LASTNAME	NAME(S)	AGE	GENDER
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1	105221	GONZÁLEZ	ROMERO	LUIS	38	MASCULINO
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PRESS ENTER TO SEE MORE REGISTERS