GenData (Programa C)

- Cria dados para utilização pelo programa A

JobApplicationUI
(Programa B)

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- Insere dados de um utilizador na tabela de utilizadores

Company X Job Application Form

Full Name:
João Calgonite

Phone Number
963748604

Education Level:

○ None ○ Primary School ◉ High School ○ Bachelor's Degree ○ Master's Degree ○ Doctorate

Skills:

☐ Architecture	☐ Chinese	☐ Journalism	☐ Objective C	☐ Soldering
☐ BSD	☐ Component-level Repair	☐ Korean	☐ Octave	☐ Spanish
☐ Ballet	☐ Drums	☐ Linux	☑ Orchestra	☐ Speaking
☐ Bash	☑ English	☑ Lua	☐ PR	☐ Translation
☐ Bass	☑ Esperanto	☐ MIPS Assembly	☐ Plumbing	☐ Unix
☑ Biology	☐ Git	☐ MatLab	☐ Police	☑ Violin
☐ Biotechnology	☐ Graphical Design	☑ Mathematics	☐ Portuguese	☐ Windows
☐ C	☐ Guitar	☐ Medicine	☐ Python	☐ Writing
☐ C#	☑ Japanese	☑ Military	☐ Reading	☐ iOS
☐ C++	☐ Java	☐ Network Security	☐ Server Maintenance	☐ macOS

Birthdate (dd-mm-yyyy)

29 12 1992

Reset   Submit

- É o principal módulo do projecto
- Analisa os dados na tabela
- Elimina utilizadores não-relevantes
- Produz ficheiros CSV com os resultados

Programa A (Main)

```
C:\WINDOWS\system32\cmd.exe                          —    □    ✕

User data for job Chinese-English Translator :
 User ID: 51
 Name: Kellie Renee
 Education Level: 0
 Skill Number: 0
 Skills: []
 Similarity Index: 0.0
Current user list size: 92
Removed users with similarity index below 0.3.
Final user list size: 31
=====Printing Data to CSV File=====
Original User List Size: 100
Relevant Users: 35 (35.0%)
Perfect Users: 9 (9.0%)
File Name: T_perfect.csv
File Name: T.csv
=====Printing Data to CSV File=====
Original User List Size: 100
Relevant Users: 51 (51.0%)
Perfect Users: 0 (0.0%)
File Name: Test_perfect.csv
File Name: Test.csv
=====Printing Data to CSV File=====
Original User List Size: 100
Relevant Users: 35 (35.0%)
Perfect Users: 4 (4.0%)
File Name: Chinese-English Translator_perfect.csv
File Name: Chinese-English Translator.csv
=====DONE=====
```

Resultados

	Average Skill Number:	22.6862745098039	Job:			Test		

ID	NAME	SKILL NAMES	EDUCATION LEVEL	AGE	PHONE NUMBER
80	Jose Kleiner Rui	Architecture;Ballet;Bash;Bass;Biology;Biotechnology;C#;C++;Component-level R…	Master's Degree	22	497745183
7	Jose	Architecture;Ballet;Bash;Bass;C;C#;Chinese;Drums;Git;Graphical Design;Guitar;…	None	23	348377143
3	Derek Margy Mario Jorge	Architecture;Ballet;Bash;Bass;Biology;Biotechnology;C#;C++;Component-level R…	High School	20	405397964
55	Margy Tiara Arnette	Architecture;Ballet;Bash;Bass;Biology;C#;Esperanto;Japanese;Mathematics;Pyt…	Master's Degree	19	6119713
89	Margy Sage	Architecture;BSD;Bash;Bass;Biology;C;C#;C++;Component-level Repair;English;…	Bachelor's Degree	19	727816946
85	Kerney	Architecture;BSD;Bash;Bass;Biotechnology;C;C#;Component-level Repair;Drums…	Doctorate	20	730754374
74	Sleeper	Architecture;BSD;Bash;Bass;Biology;Chinese;English;Git;Japanese;Java;Journal…	Master's Degree	24	537745802
70	Rone	Architecture;BSD;Bash;Bass;Biology;Chinese;Drums;English;Git;Graphical Desi…	None	25	730244228
79	Shaunte Domingo	Architecture;Bash;Bass;Biology;Biotechnology;C;C++;Chinese;Component-level …	Doctorate	26	370633735
58	Loux Matos Reda	Architecture;BSD;Bass;Biology;Biotechnology;C;C#;Drums;Git;Graphical Design;…	Primary School	25	776182106
96	Tegan Shank Mckeighan Ma…	Architecture;Bash;Bass;Biology;C;C#;Chinese;Drums;Esperanto;Git;Graphical D…	Master's Degree	23	270409128
76	Margherita An	Architecture;BSD;Bass;Biology;Biotechnology;C;C#;Chinese;Component-level Re…	Bachelor's Degree	23	35098676
6	Jose Mabon	Architecture;BSD;Bass;Biotechnology;C;Chinese;Drums;Git;Graphical Design;Gu…	Master's Degree	23	162997285
73	Simon Arnette Folson	Architecture;Bass;Biology;Component-level Repair;Esperanto;Linux;Octave;Pyth…	High School	26	22556504
47	Deidre	Architecture;Ballet;Bash;Biology;Biotechnology;C#;C++;Component-level Repair;…	Doctorate	19	191742665
15	Jorge Reda Sapien	Ballet;Bash;Bass;Biology;Biotechnology;C#;C++;Component-level Repair;Drums;…	Bachelor's Degree	20	622074039
59	Sapien Reda	BSD;Ballet;Bass;Biology;Biotechnology;C;C#;Chinese;Component-level Repair…	High School	26	574519783
65	Butz Risch Sowards	Ballet;Bash;Bass;Biology;Biotechnology;C;C#;Chinese;Component-level Repair;B…	Master's Degree	23	768401137
78	Shank Luis Simon	Ballet;Bash;Bass;Biology;Biotechnology;C#;Component-level Repair;Drums;Engli…	None	25	799963805
32	Luis Towsend Simon An	Architecture;Ballet;Biotechnology;C;C#;Chinese;Component-level Repair;Drums;E…	Primary School	23	952241282
5	Dipalma	BSD;Ballet;Bass;C#;Chinese;Drums;English;Esperanto;Git;Graphical Design;Jav…	Primary School	25	824856532
22	Aletha Risch Lettie Shank	Ballet;Bash;Bass;Biology;Biotechnology;Component-level Repair;Git;Korean;Linu…	Master's Degree	21	374650898
10	Francesca Sowards Whitney	BSD;Ballet;Bass;Biotechnology;Drums;Journalism;Linux;Lua;Military;Network Se…	Bachelor's Degree	21	613026472
4	Mabon Towsend	Architecture;BSD;C++;Drums;English;Esperanto;Git;Graphical Design;Guitar;Jap…	High School	21	252884414
99	Tiara	Architecture;BSD;C++;Chinese;Drums;English;Graphical Design;Guitar;Japanese…	Doctorate	22	133274678
45	Kerney Folson	Architecture;Bash;Biotechnology;Chinese;Esperanto;Git;Graphical Design;Japan…	None	24	656722609
54	Margherita	Ballet;Bass;Biotechnology;C++;Graphical Design;Linux;Lua;MIPS Assembly;Net…	Bachelor's Degree	20	776857963
38	Aletha	Ballet;Bass;Biotechnology;Graphical Design;Lua;MIPS Assembly;Network Secur…	Master's Degree	26	199122025
35	Evalyn	Bash;Bass;Biology;C#;C++;Component-level Repair;Drums;Git;Graphical Design;…	Master's Degree	20	637620557
46	Sherlene	BSD;Bass;Biology;Biotechnology;C;Chinese;Component-level Repair;Git;Graphic…	Bachelor's Degree	21	384842741
92	Kendra Evalyn Birdie Mash	Bash;Bass;Biology;Biotechnology;Chinese;Component-level Repair;Drums;Esper…	High School	19	185014223
40	Degen Mash Griselia	Architecture;Component-level Repair;Drums;English;Esperanto;Guitar;Japanese;…	Doctorate	21	32503654
18	Neeld Jacox	Architecture;Biology;Biotechnology;C;C++;Chinese;Esperanto;Git;Guitar;Japanes…	High School	19	852064477
62	Alexandre Mario Towsend	Architecture;C++;Component-level Repair;English;Esperanto;Graphical Design;Gr…	Master's Degree	21	856377060
50	Buss Whitney Jennell Evalyn	BSD;Bass;Biology;C;C#;Drums;Guitar;Java;Korean;Linux;MatLab;Network Secur…	Doctorate	20	16821123
67	Duplantis Alexandre Evalyn …	Architecture;Biology;Biotechnology;C;Chinese;Drums;English;Git;Graphical Desi…	Master's Degree	26	12177074
20	Martim Ngoc	Architecture;Git;Journalism;Korean;MIPS Assembly;MatLab;Medicine;Military;Oc…	None	19	664138132
25	Domingo	Architecture;Biology;C#;Drums;English;Esperanto;Linux;Mathematics;Server Mai…	Doctorate	21	247417078
63	Reda	BSD;Bass;C;C++;Guitar;Japanese;Linux;Plumbing;Police;Unix;Windows;iOS	Master's Degree	19	324028994
98	Ammerman Butz	Architecture;Chinese;Component-level Repair;Git;MatLab;Military;Objective C;Orc…	Primary School	20	99094794
75	Deidre	Architecture;C++;Chinese;Drums;Japanese;Java;Octave;Plumbing	High School	25	463501712
8	Arnette Kendra Sowards	Architecture;Java;MatLab;Mathematics;Objective C;Octave;Portuguese	Bachelor's Degree	20	405968202
66	Alexandre	Bass;Biology;Biotechnology;C;Chinese;Guitar;Journalism;Korean;Lua;MIPS Ass…	Master's Degree	20	36760309

Test