

Technical Test Software Dev

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Introduction

Thanks for your application at Sneldev for the job of software developer Python. In order to check your programming skills, we would like you to write a small program. This program should be written in Python. You can send it back to us in a “.zip” file to info@sneldev.com. Or you may also submit your program on github or gitlab and send us the link. Good luck !

Application description

The goal of the application we would like you to develop is to find information about famous people on wikipedia and put that information inside a simple database. Application can be a simple “command line” python program.

1. The program will receive the full name of someone famous (example : Donald Trump)
2. It will look if the name is known by “wikipedia”.
 - a. If not, it will print a message “I don’t not know this person”. If possible, it could also suggest another person with a similar name. (Example: if you type Bill Clanton, the program can suggest “Did you mean Bill Clinton?”).
 - b. If the name is known by “wikipedia”, a new entry will have to be created in a table called “[famous_people](#)” in a database. The “[famous_people](#)” table is a table with three columns :
 - i. an ID (starting at 1 for the first record),
 - ii. a “name” (containing the full name of the person)
 - iii. a “summary”: the summary of wikipedia’s page about the person.

This exercise may seem difficult at first, but programming often means making existing libraries work together. Here are some links to libraries that you can find useful in the context of this project:

- <https://pypi.org/project/wikipedia/> : a python library for requesting information from wikipedia
- <https://docs.python.org/3/library/sqlite3.html>: a python library for interaction with a database.