

Installation

1. Download and Install [Anaconda](#)

NOTE: Don't forget to tick the command terminal option (which is NOT recommended)

2. Install packages

```
python3
pandas
pywin32
xlwings
numpy
```

3. Enable macro settings in MS Excel.

4. Integrate `xlwings` with Excel. It would appear in separate tab inside Excel application.

Cells

• Input:

- H5 : Company name
- I5 : Company location (if many)
- H20 : Contact name

• Output:

- B10 : Contact name
- B11 : Company name
- B12 : Company's location
- B13 : Company's address
- B14 : Company's phone no.
- D10 : Contact name
- D11 : Company name
- D12 : Company's location
- D13 : Company's shipping address
- D14 : Company's phone no.

NOTE: The cell would be blank, if there is no corresponding data available in Excel sheet - `Customers`

Testing

1. Search by Company

- press `RESET` button to clear all existing values before making any search [RECOMMENDED].
- type nothing and press `RUN` button. Then, see the message.
- type "ALBERTA INFRASTRUCTURE" and press `RUN` button.
- type "TECHMATION ELECTRIC & CONTROLS" and press `RUN` button. Then, choose any location out of the drop-down list.
- type "TARPON ENERGY SERVICES" and press `RUN` button. Then, choose any location out of the drop-down list. Here, 'CONTACT 1' is empty, so 'CONTACT 2' is parsed.

2. Search by Contact

- press `RESET` button to clear all existing values before making any search [RECOMMENDED].
- type nothing and press `RUN` button. Then, see the message.
- type "DAN WYATT" and press `RUN` button.

Performance

- When any button is pressed for 1st time, it takes time to load the libraries (as opened for 1st time). So, it takes time of 5-10 seconds.
- But, from next run onwards it executes within 1 sec of time.
- Code is optimized currently.