

# Crea's Train Routes App

Write a command line application using Python, or your language of choice, that fits the following requirements.

Acceptance Criteria:

- When run in a terminal, the app takes a routes.csv file and stores route information in memory
- App interface:
  - The user inputs a single starting train station
  - The user inputs a single ending train station
  - The resulting output should display number of stops and length of trip
- Utilize object oriented patterns
- Write code that is production ready
- Include unit tests
- Do **not** use any external libraries. We are looking for original code.

Example routes.csv:

```
A,B,5
B,C,5
C,D,7
A,D,15
E,F,5
F,G,5
G,H,10
H,I,10
I,J,5
G,J,20
```

The input .csv is simple: Each line includes:

- A starting station name
- An ending station name
- The time it takes to get from the starting station to the ending station

Example command line interface:

```
$ python3.7 main.py --file=routes.csv
```

```
What station are you getting on the train?:A
What station are you getting off the train?:D

Your trip from A to D includes 0 stops and will take 15 minutes.
```

Example inputs and result:

- Scenario 1
  - A
  - B
  - Result: 0 stops, 5 minutes
- Scenario 2
  - A
  - C
  - Result: 1 stop, 10 minutes
- Scenario 3
  - E
  - J
  - Result: 2 stops, 30 minutes
- Scenario 4
  - A
  - D
  - Result: 0 stops, 15 minutes
- Scenario 4
  - A
  - J
  - Result: No routes from A to J