README section

Instructions:

1) Decompress the ZIP file
   a. This ZIP contains 4 files
      i. Transitcontroller.PY
      ii. Transitlogic.py
      iii. Services.py
      iv. Nexttrip.py
2) The main .py file is Transitcontroller.py
3) Execute in a terminal with python the script **Transitcontroller.py:**
   a. python3 TransitController.py "METRO Blue Line" "Target Field Station Platform 1" Southbound
   b. python3 TransitController.py "Airport Shuttle" "MSP Airport Terminal 1 - Lindbergh Station" Southbound
4) The output of the script indicates the following:
   a. Sample 1
      i. 901   - RouteID
      ii. 1   - Direction
      iii. TF1   - StopID
      iv. None   - time waiting for the bus (none indicates that there are no buses on route
   b. Sample 2
      i. 901   - RouteID
      ii. 1   - Direction
      iii. LIND   - StopID
      iv. 3 Min   - time waiting for the bus
   c. If the script transitcontroller.py is executed directly it will get the following routeID, direction, and stopID every time it runs: **"METRO Blue Line" "Target Field Station Platform 1" Southbound**

The script brings the data posted in the API indicated as (NexTrip API V2) which is the most updated version of the API, please find the web link of this API below:

API Link:
https://svc.metrotransit.org/swagger/index.html?urls.primaryName=NexTrip%20API%20-%20v2

API Endpoints:

GET /nextripv2/routes

GET /nextripv2/directions/{route_id}

GET /nextripv2/stops/{route_id}/{direction_id}