

Task 1:

Provide a Python script that uses the Valhalla API to retrieve route planning information. First, you need to become familiar with the Valhalla API. Check the documentation here:

<https://github.com/valhalla/valhalla> <https://valhalla.github.io/valhalla/api/turn-by-turn/api-reference/> Next, attempt to retrieve a route from the Valhalla API. Use the Erlangen main train station as your starting point and the Erlangen University main library as your destination. You will need to find the longitude and latitude of both locations.

It is crucial that your request is sent to Valhalla to obtain a walking route, not a car or road route.

Your request should return an object from Valhalla that includes the walking route with the corresponding walking commands.

Parse the trip commands from the response and print them to the screen.

When making the actual request to the Valhalla API, ensure that you correctly specify the routing type as 'pedestrian' to get walking directions.