Question 1 [6 marks]

Write a function, `track_flight_routes`, that takes a list of tuples as input and returns a ***dictionary mapping each starting city to a list of destination cities that can be reached directly from that city.***

Each tuple represents a flight route, where the first element is the starting city, and the second element is the destination city. ***Don't add routes where the starting and destination cities are the same.***

```
def track_flight_routes(routes: list[tuple[str, str]]) -> dict[str, list[str]]:
    """
    Returns a dictionary that maps each starting city in routes represented by
    first element of the tuple to a list of destination cities represented by
    second element of the tuple, where starting and destination cities are
    different from one another.

    Preconditions:
    - routes is a non-empty list
    - Both the starting and destination cities in each tuple are non-empty
    strings.

    >>> res = track_flight_routes(
    ...     [('Toronto', 'New York'), ('Toronto', 'Toronto'),
```