```python
sample_data = [
    {
        "route_number": "A10",
        "start_point": "Ap Lei Chau",
        "end_point": "Airport",
        "stops": [
            "Ap Lei Chau Estate",
            "Aberdeen",
            "Wong Chuk Hang",
            "Wan Chai",
            "Central",
            "Western Harbour Crossing",
            "Tsing Yi",
            "Airport"
        ]
    },
    {
        "route_number": "A11",
        "start_point": "North Point",
        "end_point": "Airport",
        "stops": [
            "North Point Ferry Pier",
            "Causeway Bay",
            "Wan Chai",
            "Admiralty",
            "Central",
            "Western Harbour Crossing",
            "Tsing Yi",
            "Airport"
        ]
    },
    {
        "route_number": "A12",
        "start_point": "Sai Wan Ho",
        "end_point": "Airport",
        "stops": [
            "Sai Wan Ho Ferry Pier",
            "Shau Kei Wan",
            "North Point",
            "Central",
            "Western Harbour Crossing",
            "Tsing Yi",
            "Airport"
        ]
    },
    {
        "route_number": "A21",
        "start_point": "Hung Hom",
        "end_point": "Airport",
```

```
        "stops": [
            "Hung Hom Station",
            "Tsim Sha Tsui",
            "Jordan",
            "Mong Kok",
            "Prince Edward",
            "Lai Chi Kok",
            "Tsing Yi",
            "Airport"
        ]
    },
    {
        "route_number": "A22",
        "start_point": "Lam Tin",
        "end_point": "Airport",
        "stops": [
            "Lam Tin Station",
            "Kwun Tong",
            "Ngau Tau Kok",
            "Kowloon Bay",
            "Kai Tak",
            "Tsing Yi",
            "Airport"
        ]
    }
]


coordinates = {
    "Ap Lei Chau Estate": [22.2484, 114.1535],
    "Aberdeen": [22.2479, 114.1511],
    "Wong Chuk Hang": [22.2480, 114.1605],
    "Wan Chai": [22.2762, 114.1757],
    "Central": [22.2829, 114.1588],
    "Western Harbour Crossing": [22.2884, 114.1558],
    "Tsing Yi": [22.3535, 114.1054],
    "Airport": [22.3080, 113.9185],
    "North Point Ferry Pier": [22.2922, 114.1989],
    "Causeway Bay": [22.2797, 114.1833],
    "Admiralty": [22.2783, 114.1655],
    "Sai Wan Ho Ferry Pier": [22.2867, 114.2155],
    "Shau Kei Wan": [22.2797, 114.2261],
    "Hung Hom Station": [22.3030, 114.1858],
    "Tsim Sha Tsui": [22.2973, 114.1722],
    "Jordan": [22.3042, 114.1717],
    "Mong Kok": [22.3193, 114.1706],
    "Prince Edward": [22.3244, 114.1688],
    "Lai Chi Kok": [22.3374, 114.1476],
    "Lam Tin Station": [22.3070, 114.2345],
```

```
    "Kwun Tong": [22.3138, 114.2219],
    "Ngau Tau Kok": [22.3152, 114.2141],
    "Kowloon Bay": [22.3237, 114.2031],
    "Kai Tak": [22.3240, 114.2010]
}
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