CODEMATIC ASSESSMENT

1. Method of Deployment

I deployed the API on Vercel. I chose Vercel because I used Next.js to build the API. Vercel provides a quick and easily scalable (it auto scales) way of deploying Next.js apps. It is possible to deploy on Heroku but I also wanted to test the API on a frontend which Next.js already provides access to. I think it's best to leave deployment of full backend services to Heroku. Since what I did is a little combination of both frontend and backend, I decided to fully go with Vercel.

2. Using the API

To use the API, you would need to make an HTTPS GET request to https://codematic-assessment.vercel.app/api/african-time?query=value in your code using any fetching library

Requirements
Endpoint: https://codematic-assessment.vercel.app/api/african-time?query=value
Query: timezone
Value: 6 possible values (CVT, GMT, WAT, EAT, CAT, MT).

Note that value must be in uppercase letters to avoid errors.

An example of a valid endpoint to hit:
https://codematic-assessment.vercel.app/api/african-time?timezone=CAT

After a successful HTTP request, you would get back a JSON object with two properties – message and time. The requested data would be in the 'time' property.

3. Quick Testing

You can also test the API by copy and pasting a valid endpoint on your browser's address bar to get a JSON response.

```
1    // 20220721125628
2    // https://codematic-assessment.vercel.app/api/african-time?timezone=EAT
3
4  ▾ {
5        "message": "successful",
6        "time": "20:56:25"
7    }
```