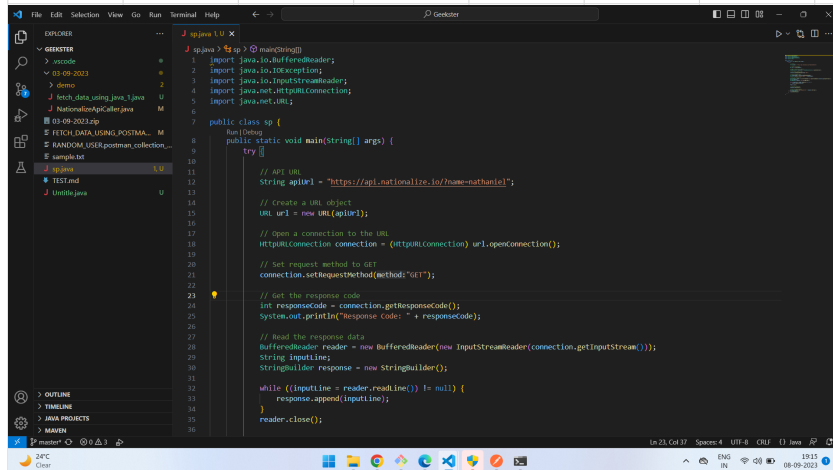


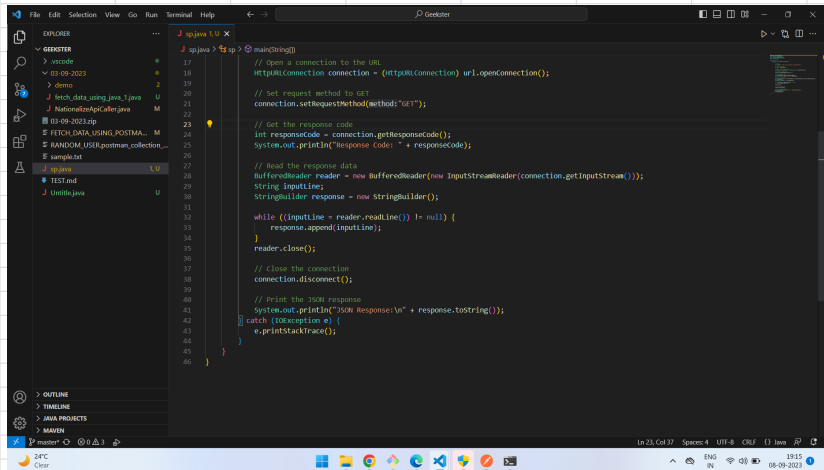
Call API -

<https://api.chucknorris.io/jokes/random>

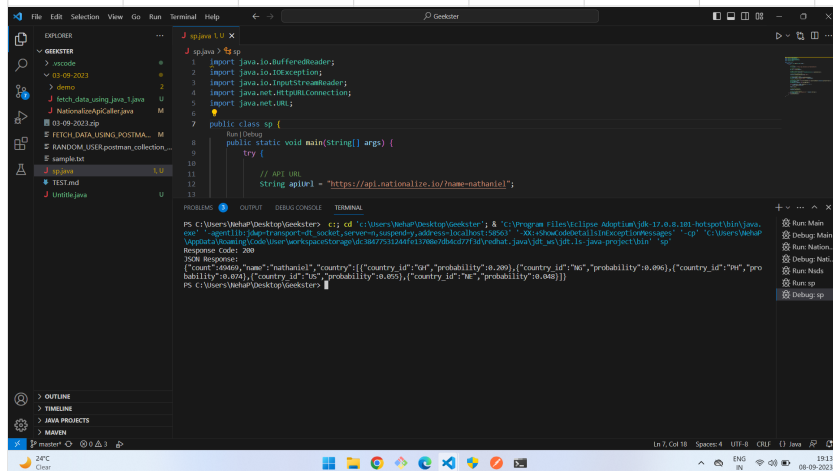
your task is to call the above API using Java and fetch data  
your data should be in JSON format



```
1 import java.io.*;
2 import java.io.IOException;
3 import java.net.*;
4 import java.net.http.*;
5
6 public class sp {
7     public static void main(String[] args) {
8         try {
9             // API URL
10            String apiUrl = "https://api.nationalize.io/name=nathaniel";
11
12            // Create a URL object
13            URL url = new URL(apiUrl);
14
15            // Open a connection to the URL
16            HttpURLConnection connection = (HttpURLConnection) url.openConnection();
17
18            // Set request method to GET
19            connection.setRequestMethod("GET");
20
21            // Set the response code
22            int responseCode = connection.getResponseCode();
23            System.out.println("Response code: " + responseCode);
24
25            // Read the response data
26            BufferedReader reader = new BufferedReader(new InputStreamReader(connection.getInputStream()));
27            String inputLine;
28            StringBuilder response = new StringBuilder();
29
30            while ((inputLine = reader.readLine()) != null) {
31                response.append(inputLine);
32            }
33            reader.close();
34
35            // Print the JSON response
36            System.out.println("JSON Response: " + response.toString());
37        } catch (Exception e) {
38            e.printStackTrace();
39        }
40    }
41}
```



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```



```
PS C:\Users\Vishal\Desktop\jokes> cd "C:\Users\Vishal\Desktop\jokes" & "C:\Program Files\Microsoft Visual Studio\2022\Community\VC\Tools\MSVC\14.39.33530\bin\Hostx64\x64\cmd.exe" /s /c "cd . & java -cp . sp"
Response code: 200
JSON Response:
{"count":5,"name":"nathaniel","country":[{"country_id":"01","probability":0.809}, {"country_id":"02","probability":0.809}, {"country_id":"03","probability":0.809}, {"country_id":"04","probability":0.809}, {"country_id":"05","probability":0.809}, {"country_id":"06","probability":0.809}]}
PS C:\Users\Vishal\Desktop\jokes>
```

import java.io.BufferedReader;  
import java.io.IOException;

```
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;

public class sp {
    public static void main(String[] args) {
        try {
            // API URL
            String apiUrl = "https://api.nationalize.io/?name=nathaniel";

            // Create a URL object
            URL url = new URL(apiUrl);

            // Open a connection to the URL
            HttpURLConnection connection = (HttpURLConnection) url.openConnection();

            // Set request method to GET
            connection.setRequestMethod("GET");

            // Get the response code
            int responseCode = connection.getResponseCode();
            System.out.println("Response Code: " + responseCode);

            // Read the response data
            BufferedReader reader = new BufferedReader(new InputStreamReader(connection.getInputStream()));
            String inputLine;
            StringBuilder response = new StringBuilder();

            while ((inputLine = reader.readLine()) != null) {
                response.append(inputLine);
            }
            reader.close();

            // Close the connection
            connection.disconnect();

            // Print the JSON response
            System.out.println("JSON Response:\n" + response.toString());
        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```