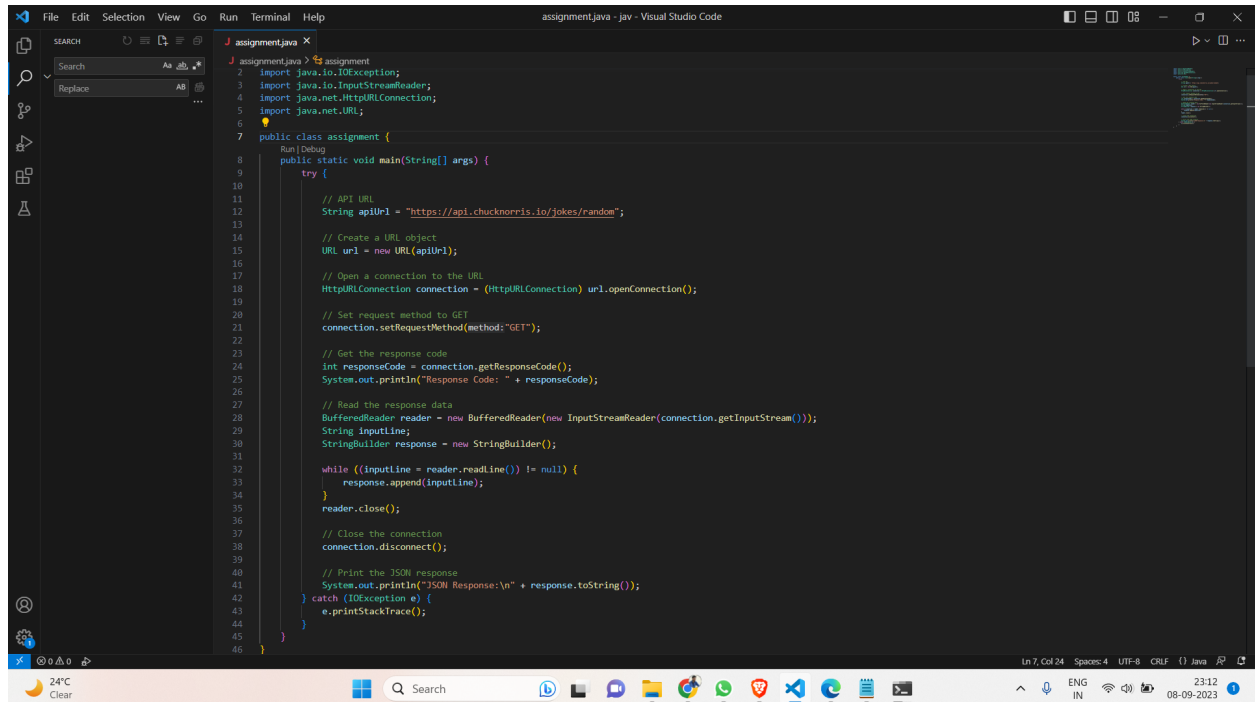


Call API -

<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



The screenshot shows a Visual Studio Code editor window with a Java file named 'assignment.java'. The code is a public class 'assignment' with a static 'main' method. It uses 'java.io.IOException', 'java.io.InputStreamReader', 'java.net.HttpURLConnection', and 'java.net.URL'. The main method attempts to connect to 'https://api.chucknorris.io/jokes/random', sets the request method to 'GET', and reads the response as a JSON string. It includes error handling for 'IOException'.

```
1 import java.io.IOException;
2 import java.io.InputStreamReader;
3 import java.net.HttpURLConnection;
4 import java.net.URL;
5
6
7 public class assignment {
8     public static void main(String[] args) {
9         try {
10
11             // API URL
12             String apiUrl = "https://api.chucknorris.io/jokes/random";
13
14             // Create a URL object
15             URL url = new URL(apiUrl);
16
17             // Open a connection to the URL
18             HttpURLConnection connection = (HttpURLConnection) url.openConnection();
19
20             // Set request method to GET
21             connection.setRequestMethod("GET");
22
23             // Get the response code
24             int responseCode = connection.getResponseCode();
25             System.out.println("Response Code: " + responseCode);
26
27             // Read the response data
28             BufferedReader reader = new BufferedReader(new InputStreamReader(connection.getInputStream()));
29             String inputLine;
30             StringBuilder response = new StringBuilder();
31
32             while ((inputLine = reader.readLine()) != null) {
33                 response.append(inputLine);
34             }
35             reader.close();
36
37             // Close the connection
38             connection.disconnect();
39
40             // Print the JSON response
41             System.out.println("JSON Response:\n" + response.toString());
42         } catch (IOException e) {
43             e.printStackTrace();
44         }
45     }
46 }
```

Output

