**NAME:** GVS SAI MADHAV

**REG.NO**: 19BCN7228

LAB- :

**Reading Data from HTTP Server:**

**Code:**

/\*

 \* To change this license header, choose License Headers in Project Properties.

 \* To change this template file, choose Tools | Templates

 \* and open the template in the editor.

 \*/

package httpapp;

/\*\*

 \*

 \* @author saimadhav

 \*/

import java.util.\*;

import java.net.\*;

import java.io.\*;

import org.jsoup.\*;

public class GetDemo {

    public static void main(String ...strings) throws IOException {

        String str="https://jsoup.org/download"; //Random Website

        URL url=new URL(str);

        HttpURLConnection con= (HttpURLConnection) url.openConnection();

        con.setRequestMethod("GET");

        System.out.println("WEBPAGE LINK : "+url.toString());

        System.out.println("STATUS CODE : "+con.getResponseCode());

        BufferedReader buff=new BufferedReader(new InputStreamReader(con.getInputStream()));

        int input=buff.read();

        StringBuilder sb=new StringBuilder();

        while(input!=-1) {

            System.out.print((char)input);

            sb.append((char)input);

            input=buff.read();

        }

        buff.close();

        System.out.println("=================================================================================================");

        System.out.println(sb.toString());

                System.out.println("------------------------- TEXT --------------------------------------------------------------------");

                System.out.println(Htmlparser(sb.toString()));

    }

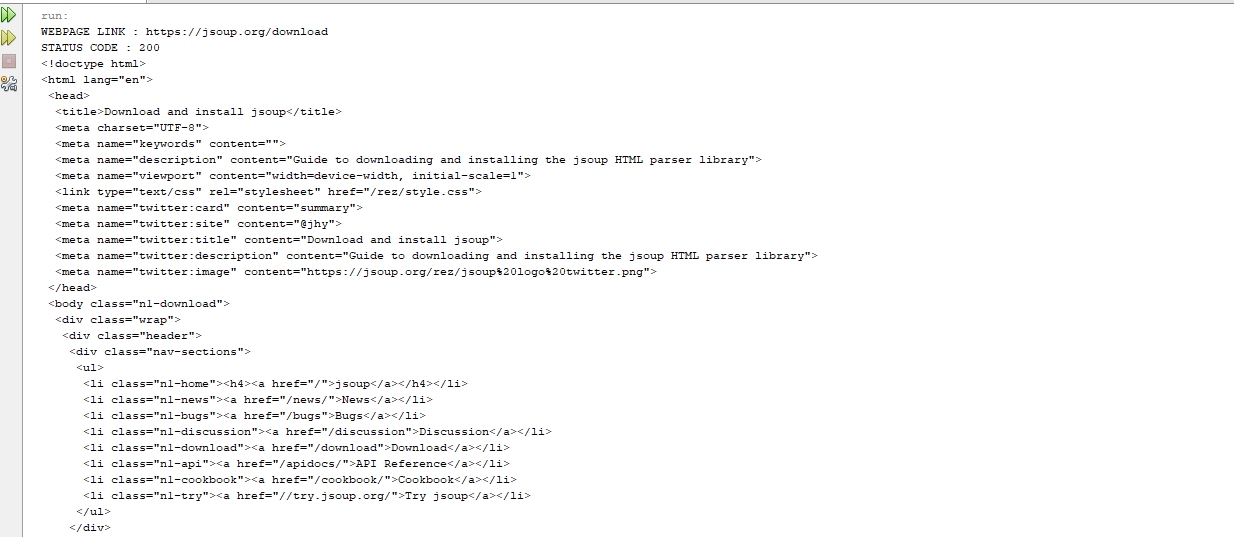
        public static String Htmlparser(String html){

            return Jsoup.parse(html).text();

        }

}

Output:



**Writing Data To HTTP Server**

import java.io.BufferedReader;

import java.io.DataOutputStream;

import java.io.IOException;

import java.io.InputStreamReader;

import java.net.HttpURLConnection;

import java.net.URL;

public class PostData {

    public static void main(String ...strings) throws IOException {

        try {

            URL url = new URL("https://httpbin.org/post ");

            String postData = "NAME=GVS SAI MADHAV&REG=19bcn7228";

            HttpURLConnection conn = (HttpURLConnection) url.openConnection();

             System.out.println("WEBPAGE LINK : "+url.toString());

            conn.setRequestMethod("POST");

            conn.setDoOutput(true);

            conn.setRequestProperty("Content-Length", Integer.toString(postData.length()));

            conn.setUseCaches(false);

            try (DataOutputStream dos = new DataOutputStream(conn.getOutputStream())) {

                dos.writeBytes(postData);

            }

              System.out.println("CONTENT TYPE :"+conn.getContentType());

              System.out.println("STATUS CODE : "+conn.getResponseCode());

            try (BufferedReader br = new BufferedReader(new InputStreamReader(

                                                conn.getInputStream())))

            {

                String line;

                while ((line = br.readLine()) != null) {

                    System.out.println(line);

                }

            }

        } catch (Exception e) {

            e.printStackTrace();

        }

   }

}

**Output:**

