Exercise 1: Create a program that connects to a web server and downloads the homepage of this website to local computer.

- Code:

```
1   package normal;
2   // Java program to read and download
3   // webpage in html file
4   import java.io.*;
5   import java.net.URL;
6   import java.net.MalformedURLException;
7
8   public class download {
9
10      public static void DownloadWebPage(String webpage)
11      {
12          try {
13
14              // Create URL object
15              URL url = new URL(webpage);
16              BufferedReader readr =
17                new BufferedReader(new InputStreamReader(url.openStream()));
18
19              // Enter filename in which you want to download
20              BufferedWriter writer =
21                new BufferedWriter(new FileWriter("Download.html"));
22
23              // read each line from stream till end
24              String line;
25              while ((line = readr.readLine()) != null) {
26                  writer.write(line);
27              }
28
29              readr.close();
30              writer.close();
31              System.out.println("Successfully Downloaded.");
32          }
33
34          // Exceptions
35          catch (MalformedURLException mue) {
36              System.out.println("Malformed URL Exception raised");
37          }
38          catch (IOException ie) {
39              System.out.println("IOException raised");
40          }
41      }
42      public static void main(String args[])
43          throws IOException
44      {
45          String url = "https://www.google.com/";
46          DownloadWebPage(url);
47      }
48  }
```

- Result:

Google

Tìm trên Google   Xem trang đầu tiên tìm được

Google có các thứ tiếng: English Français 中文（繁體）

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