

Tarea Individual 18 - Constructores url

Salida:

```
Constructor simple para una URL:
  URL Completa: http://docs.oracle.com
  getProtocol(): http
  getHost(): docs.oracle.com
  getPort(): -1
  getFile():
  getUserInfo(): null
  getPath():
  getAuthority(): docs.oracle.com
  getQuery(): null
  getDefaultPort(): 80
=====
Otro constructor simple para una URL:
  URL Completa: http://localhost/PFC/gest/cli_gestion,php?S=3
  getProtocol(): http
  getHost(): localhost
  getPort(): -1
  getFile(): /PFC/gest/cli_gestion,php?S=3
  getUserInfo(): null
  getPath(): /PFC/gest/cli_gestion,php
  getAuthority(): localhost
  getQuery(): S=3
  getDefaultPort(): 80
=====
Constructor para protocolo + URL + directorio:
  URL Completa: http://docs.oracle.com/javase/10
  getProtocol(): http
  getHost(): docs.oracle.com
  getPort(): -1
  getFile(): /javase/10
  getUserInfo(): null
  getPath(): /javase/10
  getAuthority(): docs.oracle.com
  getQuery(): null
  getDefaultPort(): 80
=====
Constructor para protocolo + URL + puerto + directorio:
  URL Completa: http://localhost:8084WebApp/Controlador?accion=modificar
  getProtocol(): http
  getHost(): localhost
  getPort(): 8084
  getFile(): WebApp/Controlador?accion=modificar
  getUserInfo(): null
  getPath(): WebApp/Controlador
  getAuthority(): localhost:8084
  getQuery(): accion=modificar
  getDefaultPort(): 80
=====
Constructor para un objeto URL en un contexto:
  URL Completa: https://docs.oracle.com/javase/10/docs/api/java/net/URL.html
  getProtocol(): https
  getHost(): docs.oracle.com
  getPort(): -1
  getFile(): /javase/10/docs/api/java/net/URL.html
  getUserInfo(): null
  getPath(): /javase/10/docs/api/java/net/URL.html
  getAuthority(): docs.oracle.com
  getQuery(): null
  getDefaultPort(): 443
=====
```

Código:

```
package Tema3;
import java.net.*;
public class Ejemplo1URL {

    public static void visualizar(URL url) {

        System.out.println("\tURL Completa: " + url.toString());
        System.out.println("\tgetProtocol(): " + url.getProtocol());
        System.out.println("\tgetHost(): " + url.getHost());
        System.out.println("\tgetPort(): " + url.getPort());
        System.out.println("\tgetFile(): " + url.getFile());
        System.out.println("\tgetUserInfo(): " + url.getUserInfo());
        System.out.println("\tgetPath(): " + url.getPath());
        System.out.println("\tgetAuthority(): " + url.getAuthority());
        System.out.println("\tgetQuery(): " + url.getQuery());
        System.out.println("\tgetDefaultPort(): " + url.getDefaultPort());

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

    }

    public static void main(String[] args) {
        //Fijamos las propiedades del proxy:
        System.setProperty("http.proxyHost", "192.168.1.30");
        System.setProperty("http.proxyPort", "3128");
        System.setProperty("https.proxyHost", "192.168.1.30");
        System.setProperty("https.proxyPort", "3128");

        URL url = null;

        try {
            System.out.println("Constructor simple para una URL: ");
            url = new URL("http://docs.oracle.com");
            visualizar(url);

            System.out.println("Otro constructor simple para una URL: ");
            url = new URL("http://localhost/PFC/gest/cli_gestion.php?S=3");
            visualizar(url);

            System.out.println("Constructor para protocolo + URL + directorio: ");
            url = new URL("http", "docs.oracle.com", "/javase/10");
            visualizar(url);

            System.out.println("Constructor para protocolo + URL + puerto + directorio:
            ");
            url = new URL("http", "localhost", 8084,
            "WebApp/Controlador?accion=modificar");
            visualizar(url);
        }
    }
}
```

```
        System.out.println("Constructor para un objeto URL en un contexto: ");
        URL urlBase = new URL("https://docs.oracle.com");
        url = new URL(urlBase, "javase/10/docs/api/java/net/URL.html");
        visualizar(url);

    } catch (MalformedURLException e) {
        e.printStackTrace();
    }
}
```