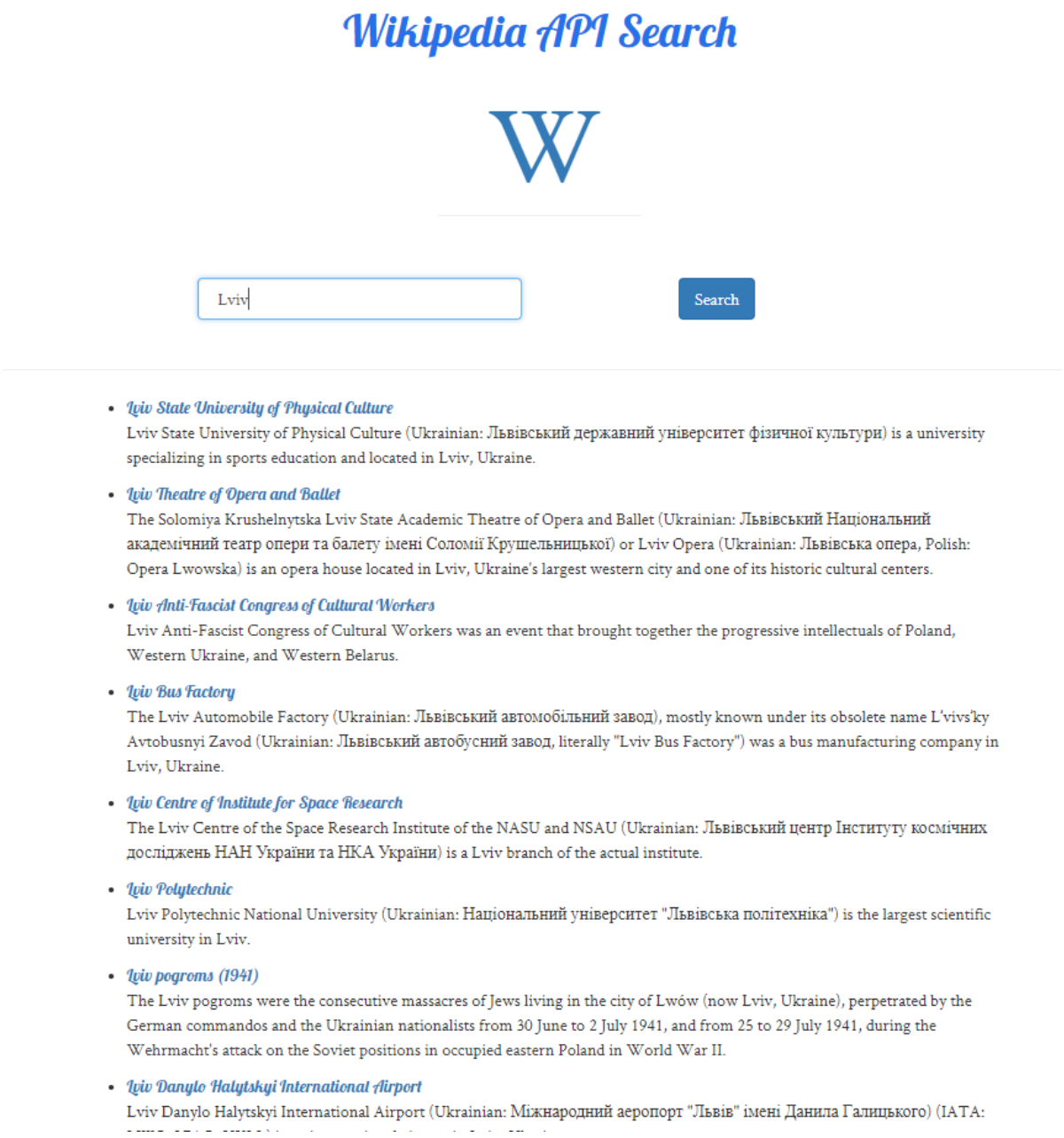
HM #4
Max points – 20

To do:

1) You need to create your simple Wikipedia using MediaWiki API
   Use https://www.mediawiki.org/wiki/API:Main_page
   https://en.wikipedia.org/w/api.php
2) Looks like that



Each result item must redirect to original Wiki page

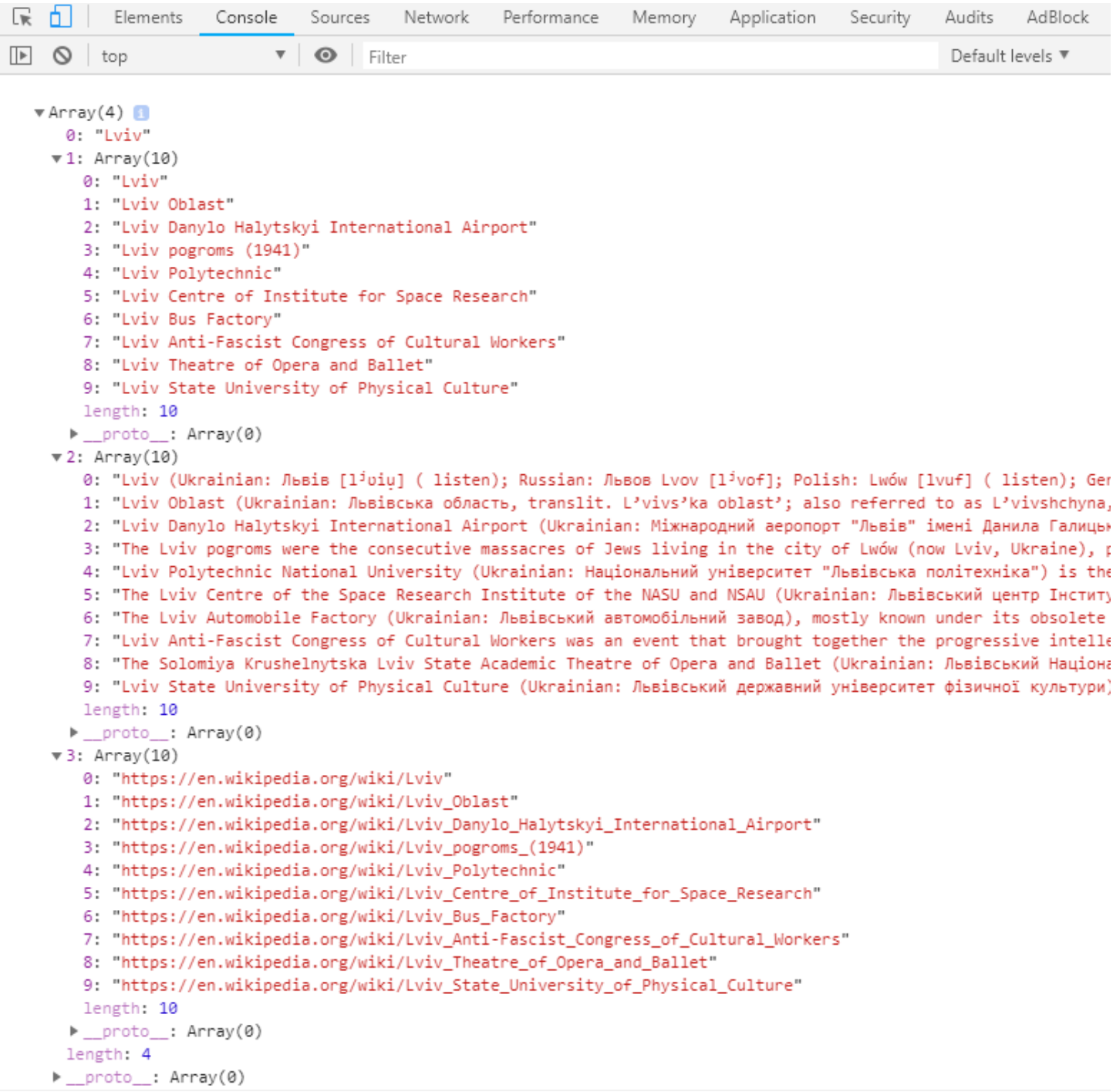
3) Code example

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>
<body>
    <script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
    <script>

    $(document).ready(function() {
        function a() {
            let searchTerm = 'Lviv';
            let url = "https://en.wikipedia.org/w/api.php?action=opensearch&search=" + searchTerm + "&format=json&callback=?";

            $.ajax({
                type : "GET",
                url : url,
                async : false,
                dataType : "json",
                success : function(data) {
                    console.log(data)
                },
                error : function(errorMessage) {
                    alert("Error");
                }
            });
        }
        a();
    });
    </script>
</body>
</html>
```

4) Return data structure



5) You **must** use the next technologies:

- Bootstrap (https://getbootstrap.com/) – 5 points
- JQuery (https://jquery.com/) – 5 points
- Webpack (https://webpack.js.org/) or grunt (https://gruntjs.com/) or gulp (https://gulpjs.com/) – 5 points
- Sass (https://sass-lang.com/) or Less (http://lesscss.org/) – 5 points

6) Not need to use PHP

7) You can use NodeJS (https://nodejs.org/en/) and npm (https://www.npmjs.com/) or yarn (https://yarnpkg.com/en/)
8) Separate CSS to different file with name style.css
9) Put .js files in to js folder

10) If need, link fonts via: https://fonts.google.com/ or download and put it to separate folder

11) If need, create gitignore (https://git-scm.com/docs/gitignore) file. Not need to commit *node_modules* folder. It is a bad practice.

12) Create README file and explain how to set up your project. For example:

README.md

A simple audio player!

How to start?

1. Download this repo
2. Open play.html
3. Choose sound
4. Relax and listen music

Stack:

```
JS
jQuery
HTML5 Web Audio API
CSS
Bootstrap
```

You can:

1. Add sounds from you PC
2. Delete sounds
3. Create own playlist
4. Watch on nice visualization

P.S. Project contains folder with sounds

13) Notice https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS

14) If you do not understand webpack or grunt or gulp: http://scout-app.io/

15) Provide some page screenshots

16) Commit and push your HM4 folder with all files to the new **hm4** branch

That is all.
Good luck.