Advanced internet programming

Project no. 7 – jQuery

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Given task

• Use the jQuery in order to innovate your main website.

What is jQuery?

jQuery is essentially a JavaScript library that allows one to manipulate and traverse HTML document, handle events, animations, Ajax in a much simpler way. The API works with multitude of browsers. Thanks to this technology, one can easily create much more pleasing and interactive webpages.

jQuery application

In case of application, I have used jQuery in order to redesign one of my first webpage projects, which included the first 3 projects I have done on the AIP course.

By creating that script, I was able to add a fade in effect to one of the menu's of my choice. I have added it to the menu which had the links to the previous projects in it.

By adding the assigned in script div id's with style definition and a little of fitting, I was able to redesign the menu to look like this:

```
Project no. 1 – Tables and input manipulation
using JavaScript

Project no. 2 - Tableless table and stylizing

Project no. 3 – Sorting algorithms in
Javascript
```

Another implementation was changing the main body to be inside a slide effect, so it looks like a drop down menu.

```
<script>
   $(document).ready(function(){
       $("#flip").click(function(){
           $("#panel").slideDown("slow");
       });
   });
   </script>
   <style>
   #panel, #flip {
       padding: 9.5px;
       text-align: center;
       background-color: #e5e5e5;
       border: solid 1px 	☐#e5e5e5;
   #panel {
       padding: 50px;
       display: none;
   </style>
```

There, I defined a flip, and a panel that would slide down when the flip was clicked upon. The style of the menu has also been defined.

The last part was to include the contents of the field inside flip and panel respectively.

The responsive website

The responsive website

Main body

Main body

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This is how the end product looks like.