Web Design (ITW)

6th computer exercise

Brno University of Technology, Faculty of Information Technology
Božetěchova 1/2. 612 66 Brno - Královo Pole

ilazur@fit.vut.cz

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UNIVERSITY OF INFORMATION
OF TECHNOLOGY TECHNOLOGY

Assignment

https://www.fit.vutbr.cz/study/courses/ITW/private/cviceni/

- Build on your solution from the last exercise
- Work out the assignment for **Exercise 6**
- Use the file you created index.html and style.css
- The aim of the exercise is to try working with jQuery

Assignment

1. Sticky menu
   - The main menu remains at the top of the screen when scrolling
   - **Do not use** CSS property `position:   sticky`
   - How to do it:

Link jQuery to your site

```
// Function called after document creation
$(document).ready(function() {
    pageScroll();
    window.onscroll = pageScroll;
})
```

```
function pageScroll() {
    let  blockNavigation = $("#blockNavigation");
    let   blockHeader = $("#index");

    // Calculate the current offset and dynamically change the
    class of the menu element
    // window.pageYOffset
}
```

② Smooth scroll

- When you click on a menu item, the page scrolls smoothly to that section
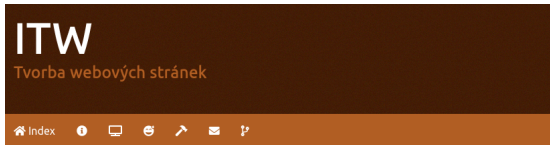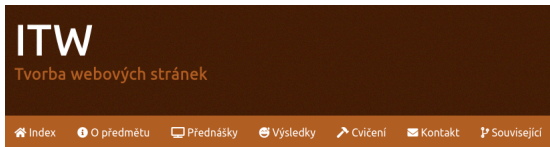- How to do it:

Link jQuery to your site

```
$(document).ready(function() {
    ...
    let  nav = $("nav");
    let  navBtns = nav.find("li");
    let  navLinks = navBtns.find("a");
    navLinks.click(menuClicked);
    ...
})
```

```
function menuClicked() {
    // Calculate the current menu height and set the animation
 for scrolling
}
```

Assignment

③ Icons

- The corresponding icons will be used next to the main menu items
- For resolutions smaller than 768px, the menu will consist of icons only
- How to do it:
  - Add Font Awesome to your index.html
  - Place icons in the menu using the element $< i >$
  - Set to hide menu text at lower resolutions using CSS

Assignment

④ Hamburger menu
- For resolutions smaller than 576px, the menu will consist of only one icon, and clicking on this icon will open the entire menu
- How to do it:

```
function menuClicked(e) {
    let blockNavigation = $("#blockNavigation");
    let btn = $(e.target).closest("li");
    if (btn.attr("id") == "btnMenu") {
        blockNavigation.toggleClass("opened");
        return false;
    }
    …
}
```

```javascript
window.onload = ()=> {
    const tabs = document.querySelectorAll('.tab');
    for(const tab of tabs) {
        tab.addEventListener('click', ()=> {
            for(const tab of tabs) {
                tab.classList.remove('active');
            }
            tab.classList.add('active');
        });
    }
};
```

```javascript
$( ()=> {
    $('.tab').click( (e)=> {
        $('.tab').removeClass('active');
        $(e.target).addClass('active');
    })
});
```