Report Project 2023-03-16

Tasks

- 1. Create a responsive page containing the contents of the three first exercises
- 2. The page will contain a menu with
 - a. the number of exercises (left part)
 - b. Description of the page (right side)
 - c. Execution of the page after pressing a button (right side)

Responsive Web Design is about using HTML and CSS to automatically resize, hide, shrink, or enlarge, a website, to make it look good on all devices (desktops, tablets, and phones):

In order to create a responsive web site I added a tag in the header:

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

This will set the viewport of the page, which will give the browser instructions on how to control the page's dimensions and scaling.

Than I created 3 different <diy> one for the title:

One for the footer:

```
<div style="background-color:#d0c78e;text-align:center;padding:10px;margin-
top:7px;">k-6999 Vincenzo Murro</div>
```

And one (with overflow set to auto in order to organize the page in a better way)that contain 3 more <div> for the menu, the description and the right part :

As it is possible to see from the previous code in the "menu" part I used the tag <a href="" in order to create the link with the other projects.

For the CSS part I used the box-sizing: border-box for everything.

```
* {
   box-sizing: border-box;
}
```

border-box tells the browser to account for any border and padding in the values you specify for an element's width and height.

I also specified the style for each div class:

```
.menu {
   float: left;
   width: 20%;
   text-align: center;
 .menu a {
   background-color: #f38d8d;
   padding: 8px;
   margin-top: 7px;
   display: block;
   width: 100%;
   color: black;
 .main {
   float: left;
   width: 60%;
   padding: 0 20px;
 .right {
   background-color: #f38d8d;
   float: left;
```

```
width: 20%;
padding: 15px;
margin-top: 7px;
text-align: center;
}
```

And in order to visualize this site also on mobile phone I used media queries That resize the browser window to see that the three div elements will display horizontally on large screens and stack vertically on small screens.

```
@media only screen and (max-width: 620px) {
    /* For mobile phones: */
    .menu, .main, .right {
      width: 100%;
    }
}
```

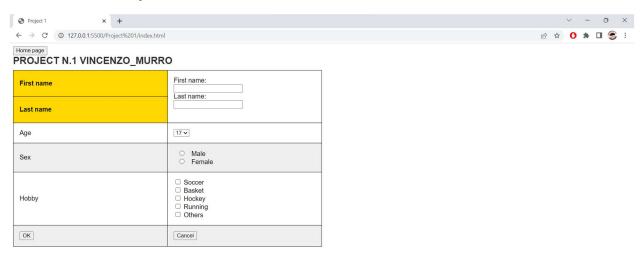
At the end to come back to the main page when we click on a link of one project I created a button in each project page to come back called "Home page":

<button>Home page</button>

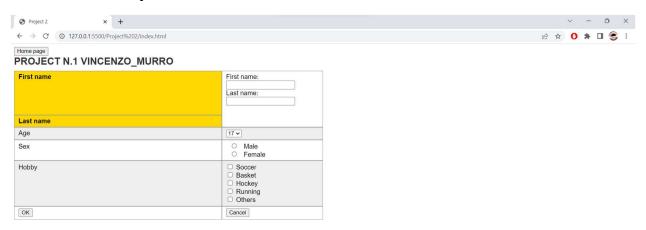
Final result:



After click on Project n.1:



After click on Project n.2:



After click on Project n.3:

