

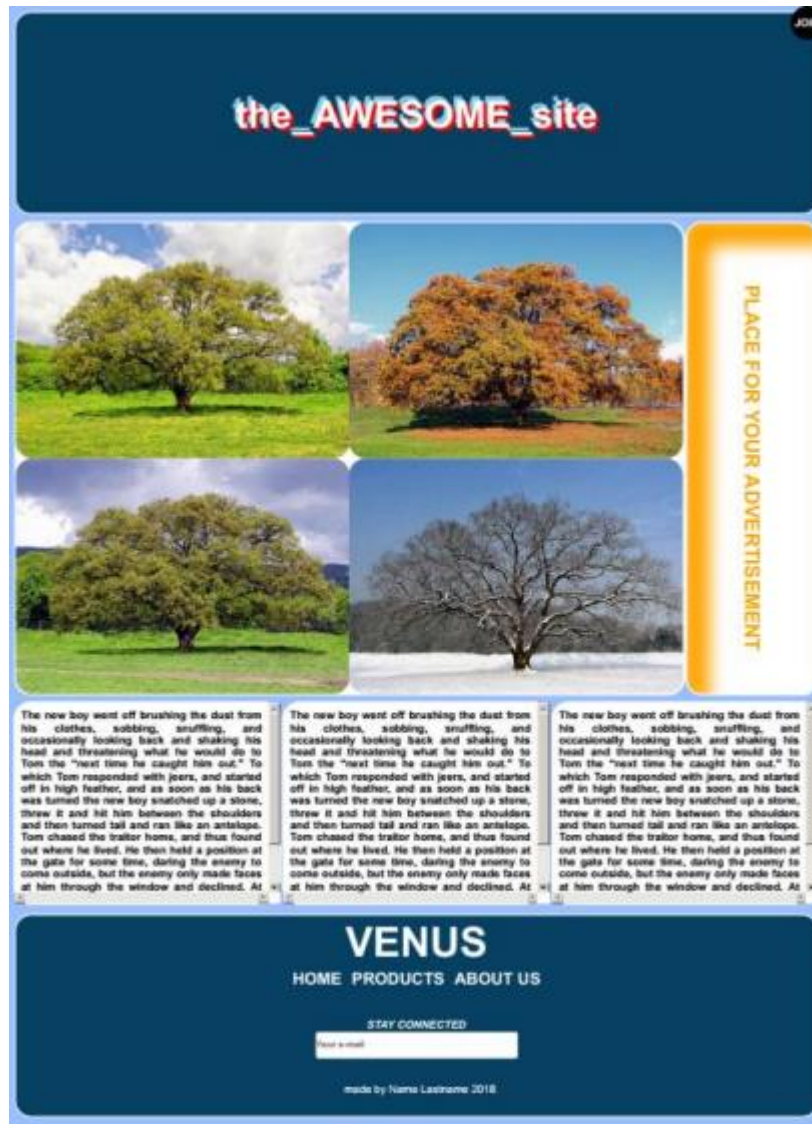
ЛАБОРАТОРНА РОБОТА №7

Адаптивна верстка. Робота з трансформаціями.

Мета: «Навчитися створювати адаптивні веб-сторінки.»

Хід роботи:

Завдання 1: Реалізувати сторінку за даним шаблоном, використовуючи довільні зображення та довільний контент:



					ДУ «Житомирська політехніка».21.121.4.000 – Лр7		
Змн.	Арк.	№ докум.	Підпис	Дата			
Розроб.	Волківський Я.С.				Звіт з лабораторної роботи		
Перевір.	Чижмотря О.Г.						
Керівник							
Н. контр.							
Зав. каф.							
						Лім.	Арк.
							1
						Аркушів	
						14	
						ФІКТ Гр. ІПЗ-21-5[1]	

Лістинг сайту:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Лабораторна №7</title>

  <link rel="stylesheet" href="data/css/style.css">
</head>
<body>
  <div class="gridBox">
    <div class="join">
      <span class="join_">
        <a href="#">Join</a>
      </span>
    </div>
    <div class="up">
      <div class="text-center">
        AWESOME
      </div>
    </div>

    <div class="main-content">
      
      
      
      
    </div>
    <div class="right">
      <div class="text-right">PLACE FOR YOUR ADVERTISEMENT</div>
    </div>

    <div class="triple-area-content grid_area">
      <textarea class="first" readonly="true" name="" id="" cols="57" rows="20">
        China is clearly developing the capability to attack at some point, but
        deciding to do so would be a political choice, Gen Mark Milley told the BBC.

        China says Taiwan is a breakaway province that must be re-unified with
        the mainland, by force if necessary.
```

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China has been sending scores of warplanes into Taiwan's air defence zone, while the US has sent naval ships through Taiwan's waters.

</textarea>

<textarea class="second" readonly="true" name="" id="" cols="57" rows="20">

Asked whether he thought China would attack Taiwan, Gen Milley, chairman of the US joint chiefs of staff, told the BBC:

"Could, should, would, those are key words there.

"In terms of capability I think China clearly is developing a capability. President Xi [Jinping] has mentioned that in public forums, he's mentioned it in speeches, that he has challenged the PLA [China's People's Liberation Army] to develop the capability to attack Taiwan at some point in time.

"And whether they would or not, it's a political choice, it's a policy choice, that will be based off of how the Chinese view the cost risk benefit at the time."

"There's no indications or warnings of anything imminent at this time. But again, we watch it very, very closely," Gen Milley added.

The US has no official diplomatic ties with Taiwan, but sells arms to it as part of its Taiwan Relations Act, which states that the US must provide the island with the means to defend itself.

At the same time, it maintains formal ties with China and also diplomatically acknowledges China's position that there is only one Chinese government.

</textarea>

<textarea class="third" readonly="true" name="" id="" cols="57" rows="20">

| | | | | | | |
|------|------|------------------|--------|------|---|------|
| | | Волківський Я.С. | | | ДУ «Житомирська політехніка».21.121.4.000 – Лр7 | Арк. |
| | | Чижмотря О.Г. | | | | 3 |
| Змн. | Арк. | № докум. | Підпис | Дата | | |

One major fear is that war would be triggered if China invades Taiwan. Beijing has said in the past it could reclaim the island by force if necessary.

But most analysts say this is not likely - for now.

There has been debate over whether China has the military capability to succeed in an invasion, and Taiwan has been considerably ramping up its air and sea defences.

But many agree that Beijing recognises that such a move would be too costly and disastrous - not only for China, but also for the world.

China's consistent position has been that it seeks "peaceful reunification" with Taiwan - and that it would only act if faced with a provocation.

One trigger would likely be Taiwan formally declaring independence. But this is something that its President Tsai Ing-wen has strenuously avoided, even as she insists they are already a sovereign state.

Most Taiwanese support this position, which is known as "maintaining the status quo", though increasingly a small number say they want to move toward independence.

Similarly, the US would be reluctant to be drawn into a costly military conflict in Asia, and has signalled repeatedly that they do not want war.

```
</textarea>
</div>

<div class="down">
  <div class="main-title">VENUS</div>
  <div class="menu">
    <nav class="menu">
      <ul class="nav">
        <li><a href="#">HOME</a></li>
        <li><a href="#">PRODUCTS</a></li>
        <li><a href="#">ABOUT US</a></li>
      </ul>
    </nav>
  </div>
  <div class="desc-input"><em>STAY CONNECTED</em></div>
  <input type="text" value="" placeholder="YOUR E-MAIL">
  <div class="made">
    Made by Awesome Man 2022
  </div>
</div>
<p class="end">
  empty_space
</p>
</div>
</body>
```

```
</html>
```

```
body{
  background: rgb(81, 81, 255);
}

div.join{
  right:1%;
  top:1%;
  width: 5%;
  height: 10%;
  border-radius: 100%;
  background: black;
  font-size:20px;
  position: fixed;
  text-align: center;
  line-height: 60px;
  z-index: 1;
  font-family: sans-serif;
}

span.join_{
  text-align: center;
  position: relative;
  color:white;
  right: 0%;
  z-index: 2;
}

div.join:hover{
  border-radius: 20px;
  text-align: center;
  position: fixed;
  font-size: 30px;
  width: 10%;
  height: 8%;
  z-index: 1;
  transition: all 0.5s ease;
  line-height: 50px;
}

div.up{
  position: absolute;
  width: 98.9%;
  height: 30%;
  background-color: rgb(0, 0, 124);
  border-radius: 15px;
  box-sizing: border-box;
```

```

}

div.text-center{
    color:white;
    font-size: 400%;
    text-shadow: 4px 4px 0px red,
    -4px -4px 0px rgb(81, 81, 255);
    text-align: center;
    margin-top: 5%;
    font-family: 'Trattatello', fantasy;
}

div.text-center::before{
    content: 'the_';
}
div.text-center::after{
    content: '_site';
}

div.main-content{
    position: absolute;
    top: 33%;
}

img.f{
    position: relative;
    width: 40%;
    border-radius: 10px;
}

img.s{
    position: relative;
    top: 120%;
    width: 40%;
    border-radius: 10px;
}

img.t{
    position: relative;
    width: 40%;
    top: 100%;
    border-radius: 10px;
}

img.fo{
    position: relative;
    width: 39.5%;
    top: 100%;
    left: 0.2%;
    border-radius: 10px;
}

```

```

}

div.right{
    position: absolute;
    top: 75.8%;
    right: -20%;
    width: 59.5%;
    height: 38%;
    background: white;
    color: #fcac20;
    transform: rotate(90deg);
    border-radius: 10px;
    font-size: 50px;
    box-shadow: inset 25px -25px 20px 0px #fcac20;
}

div.text-right{
    position: absolute;
    left: 10%;
    top: 35%;
    font-family: 'Trattatello', fantasy;
}

div.triple-area-content{
    top:158%;
    position: absolute;
}

textarea{
    resize: none;
    border-radius: 10px;
}

div.down{
    position: absolute;
    top:206%;
    width: 98.9%;
    height: 45%;
    background-color: rgb(0, 0, 124);
    border-radius: 15px;
    color: white;
    font-family: 'Trattatello', fantasy;
}

div.main-title{
    font-size: 70px;
    text-align: center;
    margin-top: 1%;
}

```

```

ul{
    list-style-type: none;
    margin: 0;
    padding-left: 0;
}

a{
    color: white;
    text-decoration: none;
}

.menu{
    position: relative;
    text-align: center;
    font-size: 20px;
}

.menu li {
    display: inline-block;
    padding: 18px 15px;
}

div.desc-input{
    font-size: 13px;
    text-align: center;
    margin-top: 2%;
}

input[type=text]{
    margin-top: 0.5%;
    margin-left: 44.7%;
    border-radius: 7px;
}

div.made{
    text-align: center;
    margin-top: 2%;
}

p.end{
    position: absolute;
    width: 90%;
    height: 0.001%;
    z-index: 2;
    top: 247.5%;
    background: rgb(81, 81, 255);
    color: rgb(81, 81, 255);
}

```



```

/* effects */
.menu li a:hover{
    color:#fcac20;
    transition: all 0.5s;
}

img.f:active{
    position: relative;
    transform: scale(1.6);
    transform-origin: top left;
    z-index: 1;
}

img.s:active{
    position: relative;
    transform: scale(1.6);
    transform-origin: top right;
    z-index: 1;
}

img.t:active{
    position: relative;
    transform: scale(1.6);
    transform-origin: bottom left;
    z-index: 1;
}

img.fo:active{
    position: relative;
    transform: scale(1.5);
    transform-origin: bottom right;
    z-index: 1;
}

/* display_optimization */
.gridBox {
    display: grid;
    grid-template-columns: repeat(12, 1fr);
    grid-gap: 1px;
}

@media screen and (min-width: 768px) {

    div.right {
        grid-column: 11/13;
        grid-row: 2/6;
    }

    img.f {
        grid-column: 1/6;
        grid-row: 2/4;
    }
}

```

```

}

img.s {
  grid-column: 6/11;
  grid-row: 2/4;
}

img.t {
  grid-column: 1/6;
  grid-row: 4/6;
}

img.fo {
  grid-column: 6/11;
  grid-row: 4/6;
}

textarea.first {
  grid-column: 1/5;
  grid-row: 6/7;
  position: relative;
}

textarea.second {
  grid-column: 5/9;
  grid-row: 6/7;
  position: relative;
}

textarea.third {
  grid-column: 9/12;
  grid-row: 6/7;
  position: relative;
}

textarea.first > div, textarea.second > div, textarea.third > div {
  font-size: 18px;
  max-width: 33.333%;
  position: relative;
}

div.down {
  grid-column: 1/12;
}
}

@media screen and (max-width: 768px) {
  div.right {
    width: 100%;
    text-align: center;
  }
}

```

```

    font-size: 40px;
    writing-mode: horizontal-tb;
    line-height: 250px;
}

img.f {
    grid-column: 1/13;
    grid-row: 2/3;
}

div.up {
    grid-column: 1/13;
    height: 250px;
}

img.f {
    grid-column: 1/13;
    grid-row: 3/5;
}

img.s {
    grid-column: 1/13;
    grid-row: 5/7;
}

img.t {
    grid-column: 1/13;
    grid-row: 7/9;
}

img.fo {
    grid-column: 1/13;
    grid-row: 9/11;
}

textarea.first {
    grid-column: 1/13;
    grid-row: 11/13;
    max-height: 450px;
}

textarea.second {
    grid-column: 1/13;
    grid-row: 13/15;
    max-height: 450px;
}

textarea.third {
    grid-column: 1/13;

```

```
grid-row: 15/17;
max-height: 450px;
}

div.down {
  grid-column: 1/13;
  grid-row: 17/19;
}
}
```

Результат відкритого сайту:

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Join

VENUS

HOME

PRODUCTS

ABOUT US

STAY CONNECTED

YOUR E-MAIL

Made by Awesome Man 2022

file:///E:/documents/univers/WebLabs/Lab7/index.html#






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		Чижмотря О.Г.				13
Змн.	Арк.	№ докум.	Підпис	Дата		

Висновок: «навчився створювати адаптивні веб-сторінки.»

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		Чижмотря О.Г.				14
Змн.	Арк.	№ докум.	Підпис	Дата		