

Creating Web Pages with HTML5 and CSS3

Homework Assignments

Additional materials

## Позиціонування. Верстка web-сторінок блоками. Адаптивний дизайн

### Завдання 1

Реалізувати html-сторінку з інформацією про подію.

Для різної ширини екрана має бути різне компонування блоків сторінки. Зверніть увагу, що змінюється не тільки положення блоків, а відступи та розміри шрифтів теж змінюються.

Приклад компонування за ширини більше, ніж 600 пікселів:



Рисунок 1

Приклад компонування за ширини менше, ніж 600 пікселів:



Рисунок 2

### Завдання 2

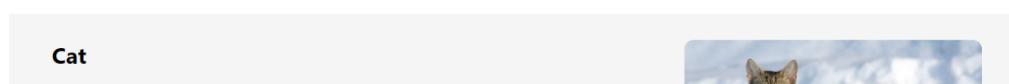
Реалізувати html-сторінку зі статтею та зображеннями.

Сторінка складається з двох блоків:

- стаття (заголовок і текст);
- зображення з підписами.

Для різної ширини екрана має бути різне компонування блоків сторінки.

Приклад компонування за ширини більше, ніж 800 пікселів:



The cat (*Felis catus*) is a small carnivorous mammal. It is the only domesticated species in the family Felidae and often referred to as the domestic cat to distinguish it from wild members of the family. The cat is either a house cat, kept as a pet, or a feral cat, freely ranging and avoiding human contact.<sup>[5]</sup> A house cat is valued by humans for companionship and for its ability to hunt rodents. About 60 cat breeds are recognized by various cat registries.

Cats are similar in anatomy to the other felid species, with a strong flexible body, quick reflexes, sharp teeth and retractable claws adapted to killing small prey. They are predators who are most active at dawn and dusk (crepuscular). Cats can hear sounds too faint or too high in frequency for human ears, such as those made by mice and other small animals. Compared to humans, they see better in the dark (they see in near total darkness) and have a better sense of smell, but poorer color vision. Cats, despite being solitary hunters, are a social species. Cat communication includes the use of vocalizations including mewing, purring, trilling, hissing, growling and grunting as well as cat-specific body language.<sup>[7]</sup> Cats also communicate by secreting and perceiving pheromones.

Female domestic cats can have kittens from spring to late autumn, with litter sizes ranging from two to five kittens. Domestic cats can be bred and shown as registered pedigree cats, a hobby known as cat fancy. Failure to control the breeding of pet cats by spaying and neutering, as well as abandonment of pets, has resulted in large numbers of feral cats worldwide, contributing to the extinction of entire bird species, and evoking population control.



A Tabby cat in snowy weather



The hooked papillae on a cat's tongue act like a hairbrush to help clean and detangle fur.

Рисунок 3

Приклад компонування за ширини від 600 до 800 пікселів:

## Cat

The cat (*Felis catus*) is a small carnivorous mammal. It is the only domesticated species in the family Felidae and often referred to as the domestic cat to distinguish it from wild members of the family. The cat is either a house cat, kept as a pet, or a feral cat, freely ranging and avoiding human contact.<sup>[5]</sup> A house cat is valued by humans for companionship and for its ability to hunt rodents. About 60 cat breeds are recognized by various cat registries.



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Female domestic cats can have kittens from spring to late autumn, with litter sizes ranging from two to five kittens. Domestic cats can be bred and shown as registered pedigree cats, a hobby known as cat fancy. Failure to control the breeding of pet cats by spaying and neutering, as well as abandonment of pets, has resulted in large numbers of feral cats worldwide, contributing to the extinction of entire bird species, and evoking population control.

Рисунок 4

Приклад компонування при ширині менше, ніж 600 пікселів:

## Cat

The cat (*Felis catus*) is a small carnivorous mammal. It is the only domesticated species in the family Felidae and often referred to as the domestic cat to distinguish it from wild members of the family. The cat is either a house cat, kept as a pet, or a feral cat, freely ranging and avoiding human contact.<sup>[5]</sup> A house cat is valued by humans for companionship and for its ability to hunt rodents. About 60 cat breeds are recognized by various cat registries.



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Female domestic cats can have kittens from spring to late autumn, with litter sizes ranging from two to five kittens. Domestic cats can be bred and shown as registered pedigree cats, a hobby known as cat fancy. Failure to control the breeding of pet cats by spaying and neutering, as well as abandonment of pets, has resulted in large numbers of feral cats worldwide, contributing to the extinction of entire bird species, and evoking population control.

Рисунок 5

До завдання прикріплено необхідні картинки і текст.

### Завдання 3

Реалізувати html-сторінку для поштового клієнта.

Сторінка складається з:

- шапка (логотип та ім'я користувача);
- бічне меню;
- спісок листів.

Для різної ширини екрана має бути різне компонування блоків сторінки.

Приклад компонування за ширину більше, ніж 800 пікселів:

A screenshot of an email client interface. At the top, there is a header bar with the text "MY MAIL" next to a blue circular icon containing a white envelope. To the right of the header is an email address "user@mymail.com" and a small yellow circular icon. Below the header is a sidebar menu with several items, including "Inbox", "Sent", "Compose", "Trash", and "Help". The main content area shows a list of emails. The first email in the list has a subject line "Trip to South America" and a snippet of text below it. At the bottom of the screen, there is a navigation bar with icons for search, filter, and other functions.

	me, Alex	Trip to South America - Suspendisse ut sapien non arcu rutrum tempor...	12 apr.
	me, John	Santa Monica trip - Cras accumsan lacus quis urna ultricies, vel fi...	12 apr.
	me, John, Alex	Birthday party - 20.04.2019	11 apr.
	Mari White	Report (march 2019)	10 apr.
	me, Elena	Duis semper augue - Nunc finibus sem vel odio mattis	10 apr.
	Bill, John	Ut congue purus - Ut sit amet eros hendrerit, posuere arcu sed, v...	5 apr.
	Stive	Phasellus quis velit tincidunt	1 apr.
	Mari White	Report (february 2019)	10 mar.

Рисунок 6

Приклад компонування за ширини від 550 до 800 пікселів:

MY MAIL		user@mymail.com	
	me, Alex	Trip to South America	12 apr.
		Suspendisse ut sapien non arcu rutrum tempor p...	
	me, John	Santa Monica trip	12 apr.
		Cras accumsan lacus quis urna ultricies, vel finibu...	
	me, John, Alex	Birthday party	11 apr.
		20.04.2019	
	Mari White	Report (march 2019)	10 apr.
	me, Elena	Duis semper augue	10 apr.
		Nunc finibus sem vel odio mattis	
	Bill, John	Ut congue purus	5 apr.
		Ut sit amet eros hendrerit, posuere arcu sed, vehic...	
	Stive	Phasellus quis velit tincidunt	1 apr.
	Mari White	Report (february 2019)	10 mar.

Рисунок 7

Приклад компонування при ширині менше, ніж 550 пікселів:

MY MAIL		user@mymail.com	
	me, Alex	Trip to South America	12 apr.
		Suspendisse ut sapien non ar...	
	me, John	Santa Monica trip	12 apr.
		Cras accumsan lacus quis ur...	
	me, John, Alex	Birthday party	11 apr.
		20.04.2019	
	Mari White	Report (march 2019)	10 apr.
	me, Elena	Duis semper augue	10 apr.
		Nunc finibus sem vel odio m...	
	Bill, John	Ut congue purus	5 apr.
		Ut sit amet eros hendrerit, po...	



Рисунок 8

До завдання прикріплені необхідні іконки.

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