

Practice No.1

Course:

Creating Web Pages with HTML5 and CSS3

Module 3. Graphics in Web Design. Optimizing Images.
Hyperlinks. Navigation Principles of Websites

Task 1

Implement an HTML page with text and background.

Requirements:

- the text size must be enough for a vertical scroll to appear on the page;
- the background with the image must not move when scrolling;
- the solid background under the text must be slightly transparent.

Choose a background image you like and generate the text with https://www.lipsum.com/.

*

To access materials, open this PDF file in Adobe Acrobat Reader.

Practice No.1

Example of the final result:



Task 2

Implement an HTML page from Wikipedia about programming. Requirements:

- when clicking on a link in the **Contents**, the page must scroll to the relevant section;
- when hovering over a link in the Contents, it should be underlined (like the Programmers link in the screenshot on page 3);
- style the text as in the screenshot on page 3.

The required text is attached to this PDF file.*

Practice No.1

Example of the final result:

Computer programming

From Wikinedia the free encurlopedia

History

Programmable devices have existed at least as far back as 1266 AD, when the automata of Al-Jazeri were programmable, via pegs and cares, to play various thy and drum pattern; and the 1801 Jacquard isom could produce entirely different weaves by changing the "program" - a series of patteboard cards with holes punched in them.

However, the first computer program is generally dated to 1843, when mathematician Ada Lovelace published an algorithm to calculate a sequence of Bernoulli numbers, intended to be carried out by Charles Babbage's Analytical Engine. Women would continue to dominate the field of computer programming until the mid

In the 1800 returns the time of the county of moning and in markine residual term. Line is control govern liquidiously added to be in 1905 figure 1 bloodows discounted to the recognisation of different plans, and by the 184 FMA, under collect application of the 1800 CM will 1800 CM and 1800 CM

er code was the language of early programs, written in the instruction set of the particular machine, often in binary notation. Assembly languages were some offent that the programmer specify instruction in a test format, for a,ADDX, 107ALX, with abbreviations for each operation code and mentingful names for gradients between the cackaces an assembly insurgages is till more than a different rotation for another insurgage, any on entires with different control rots another insurgage, any on entires with different control rots another insurgage. Sometimes the control one set also have different assembly languages. Eartheren Booth oneside one of the first Assembly languages in 1950 for various computers at Bircheck

Modern programming

- Availability, how often the results of a program are correct. This depends on conceptual correctness of algorithms, and minimization of programming mistals such as mistakes in resource management (e.g., buffer overfloors and nex conditional and logic errors such as devicen by zero or effity one remoth, such as mistakes in resource amangement (e.g., buffer overfloors and nex conditional and logic errors such as devicen by zero or effity one remoth. Robustures to reveal a program arricing problem due to errors though. Their includes allowed to the program for includes such as increased and accordance of a program of the search which has genero on our bett program for the increded propage on its unrease even numericipated authority to expensive the search program of the increded program or increase even numericipated alternatives that improve the clarity, includiveness, cohesiveness and completeness of a program's twent cannot be completed interested and not depended on officences in the programming facilities provided by the different polithms, including hardware and operating system programming facilities provided by the different polithms, produced and program of the alternative and availability of produces and programming facilities provided by the different polithms in a contract of the alternative of the facilities and provided by the different polithms specific complete and operating system procures appropriate or the alternative of the facilities of the different politics of the alternative of the facilities of the alternative and accordance of the alternative of the facilities of the alternative of the

The academic field and the explaneing practice of computer programming as both legally concerned with discouring and implementing the most efficient application for a given focal or probable. First in propring algorithms are calculated into ordering proposality profits were increased using a calculated for proteining processing the contraction, which responses inscribed as execution time or memory consumption in terms of the size of an input. Dipert programmers are familiar with a variety of well-established algorithms and their respective compositions and use this involved for choose algorithms that are best fault for the circumstances.

Programming languages



Task 3

Implement an HTML page with the image gallery.

The gallery consists of three parts:

- heading;
- large image;
- a list of small image links.

When clicking on a small image link, the large image must be replaced with the selected one. It is recommended to display the large image with **iframe**. When starting the page, the place with the large image should not be empty—the first image of the gallery must display there.

Add the necessary frames, as in the screenshot.

The required images are attached to to this PDF file.*

Example of the final result:

