

# **Индивидуальный проект этап 5**

**Персональный сайт**

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## **Список таблиц**

# 1 Цель работы

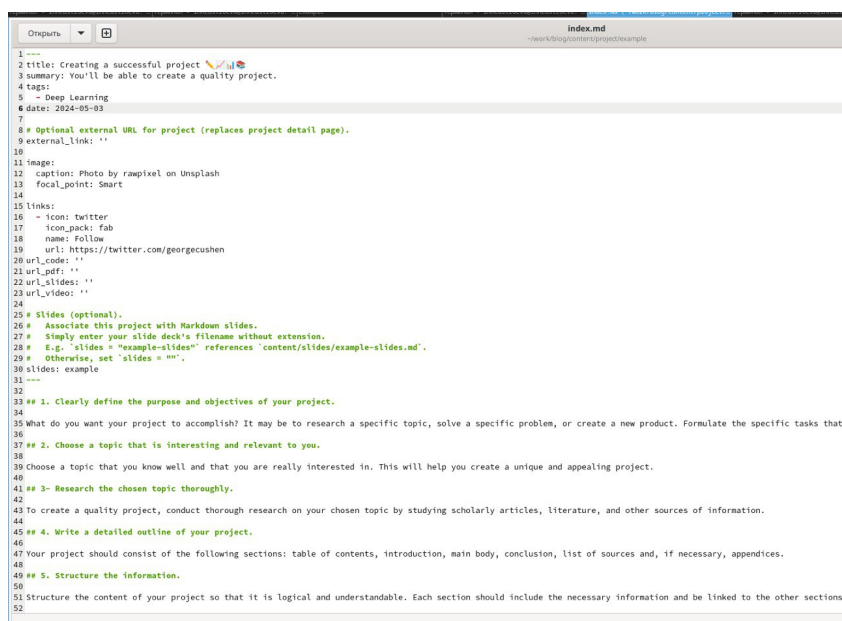
Целью моей работы было: Добавить с сайта все остальные элементы.

## 2 Задание

1. Сделать записи для персональных проектов.
2. Сделать пост по прошедшей неделе.
3. Добавить пост на тему по выбору. Языки научного программирования.

## 3 Выполнение лабораторной работы

1. Для начала перешли в папку `~/work/blog/content/project/example` и открыли файл `index.md` чтобы написать проект (рис. 3.1).



```
1 ---
2 title: Creating a successful project 📄📌📌
3 summary: You'll be able to create a quality project.
4 tags:
5   - Deep Learning
6 date: 2024-09-03
7
8 # Optional external URL for project (replaces project detail page).
9 external_link: ''
10
11 image:
12   caption: Photo by rawpixel on Unsplash
13   focal_point: Smart
14
15 links:
16   - icon: twitter
17     icon_pack: fab
18     name: Follow
19     url: https://twitter.com/georgecushen
20 url_code: ''
21 url_pdf: ''
22 url_slides: ''
23 url_video: ''
24
25 # Slides (optional).
26 # Associate this project with Markdown slides.
27 # Simply enter your slide deck's filename without extension.
28 # E.g. 'slides = "example-slides"' references 'content/slides/example-slides.md'.
29 # Otherwise, set 'slides = ""'.
30 slides: example
31 ---
32
33 ## 1. Clearly define the purpose and objectives of your project.
34
35 What do you want your project to accomplish? It may be to research a specific topic, solve a specific problem, or create a new product. Formulate the specific tasks that
36
37 ## 2. Choose a topic that is interesting and relevant to you.
38
39 Choose a topic that you know well and that you are really interested in. This will help you create a unique and appealing project.
40
41 ## 3- Research the chosen topic thoroughly.
42
43 To create a quality project, conduct thorough research on your chosen topic by studying scholarly articles, literature, and other sources of information.
44
45 ## 4. Write a detailed outline of your project.
46
47 Your project should consist of the following sections: table of contents, introduction, main body, conclusion, list of sources and, if necessary, appendices.
48
49 ## 5. Structure the information.
50
51 Structure the content of your project so that it is logical and understandable. Each section should include the necessary information and be linked to the other sections
52
```

Рис. 3.1: файл `index.md`

- Вот так выглядит наш сайт теперь (рис. 3.2).

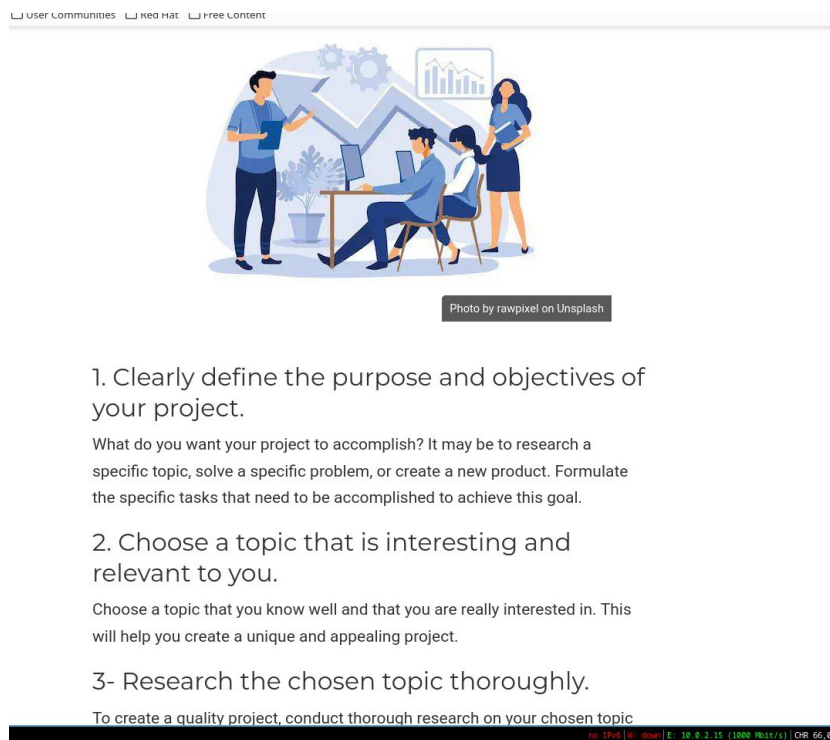


Рис. 3.2: Сайт

2. Далее создали два новых поста по прошедшей неделе и пост по выбору в каталоге `~/work/blog`, с помощью `~/bin/hugo new post/название.` (рис. 3.3).

```
inneustroeva@inneustroeva:~/work/blog$ ~/bin/hugo new post/last_week3
Content dir "/home/inneustroeva/work/blog/content/post/last_week3" created
inneustroeva@inneustroeva:~/work/blog$ ~/bin/hugo new post/programming_and_science
Content dir "/home/inneustroeva/work/blog/content/post/programming_and_science" created
inneustroeva@inneustroeva:~/work/blog$
```

Рис. 3.3: Создание постов

- Перешли в папку `~/work/blog/content/post/last_week3` и написали пост в папке `index.md` (рис. 3.4).





### 3. Тоже самое проделываем для поста на тему Языки научного программирования. (рис. 3.6).

```
12 featured: false
13 draft: false
14
15 # Featured image
16 # To use, add an image named 'featured.jpg/png' to your page's folder.
17 # Each pixel (height, width, depth) is 1px, 1px, 1px.
18 image:
19   caption: ''
20   focal_point: ''
21   preview_only: false
22
23 # Projects (optional)
24 # Associate this post with one or more of your projects.
25 # Simply enter your project's folder or file name without extension.
26 # E.g. projects = ["internal-project", "reference", "content/project/deep-learning/index.md"]
27 # Otherwise, set 'projects' to [].
28 projects: []
29
30 ---
31
32 ## Introduction
33
34 This post is dedicated to scientific programming languages. Everyone knows, scientific programming is an important field that involves the creation and use of software for scientific modeling, data analysis and computation. Many programming languages have been created for these purposes.
35
36 ## What is scientific programming?
37
38 Scientific programming is a highly oriented programming style for scientific calculations. It is distinguished from other types of programming by extreme correctness and stability of the final product, strict separation of scientific and interface parts, individuality of algorithms, and predominance of efficiency over universality.
39
40 Scientific programming is at the heart of any modern global research. All advanced technologies - from quantum computers to space programs - would not be possible without specialists in scientific programming, who are able to provide scientists with reliable and accurate tools for making discoveries.
41
42 ## Specializations
43
44 Scientists use a variety of programming languages, the choice of which depends on the type of problem and the author's preferences. Historically, the first high-level programming language is Fortran; many well-established libraries for mathematical statistics and libraries for solving differential equations have been written in Fortran, which is relevant to economics and biology, respectively.
45
46 A simpler syntax has Python, also suitable for programming mathematical computations. Python language is used for data processing in mathematics, physics, economics, biology, chemistry and can work with some other "scientific" languages: Fortran, C++, C#.
47
48 In turn, C# allows programming on the .NET platform, adapting a program to a common language runtime (CLR) and speeding up development in operational scientific sessions.
49
50
```

Рис. 3.6: Пост

- Теперь можем посмотреть отредактированный пост на сайте (рис. 3.7).

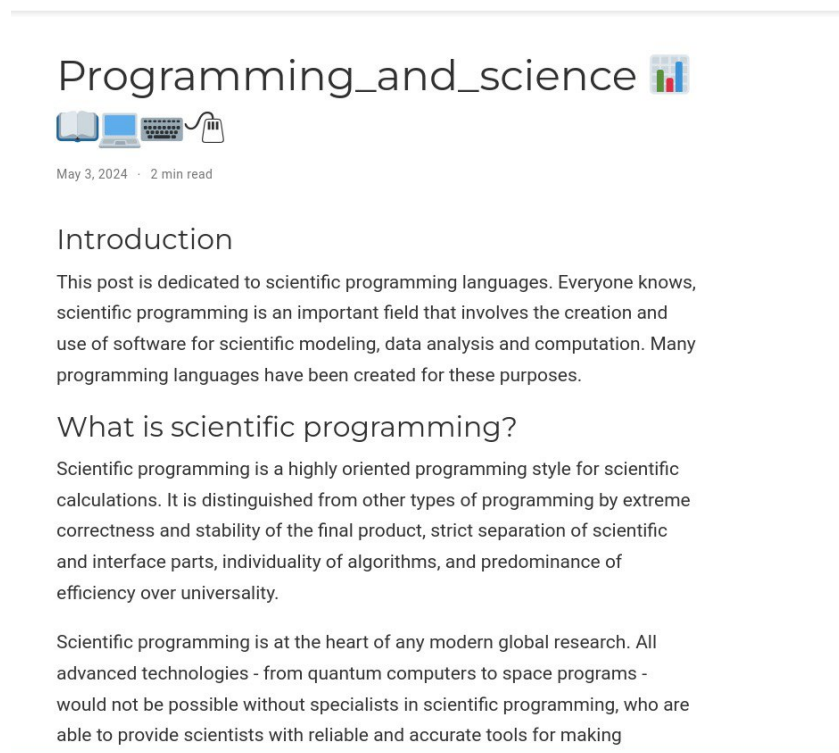


Рис. 3.7: Сайт

Далее отправляем наши изменения на сервер (рис. 3.8).

```
innestroeva@innestroeva:~/work/blog/public$ git add .
innestroeva@innestroeva:~/work/blog/public$ git commit -am "stage 5"
main bbbf3221 stage 5
54 files changed, 6196 insertions(+), 306 deletions(-)
create mode 100644 post/last_week3/index.html
create mode 100644 post/page/2/index.html
create mode 100644 post/programming_and_science/featured.jpg
create mode 100644 post/programming_and_science/featured_huf4198b1ef47a604b5a563577c6a99049_112948_153322ce90fc36256fe9c88a340022d9.webp
create mode 100644 post/programming_and_science/featured_huf4198b1ef47a604b5a563577c6a99049_112948_597784ccce41c2b92e9568e78a2982a7.webp
create mode 100644 post/programming_and_science/index.html
create mode 100644 project/example/featured.jpg
create mode 100644 project/example/featured_hua2373a573811621c33b54769db934407_25608_063e4d57d9e3df840707e787b18f9c50.webp
create mode 100644 project/example/featured_hua2373a573811621c33b54769db934407_25608_540x0_resize_q75_h2_lanczos.webp
create mode 100644 project/example/featured_hua2373a573811621c33b54769db934407_25608_a8b99143bfae404bccee78229ced484a.webp
create mode 100644 project/example/html
innestroeva@innestroeva:~/work/blog/public$ git push origin main
Перечисление объектов: 171, готово.
Подсчет объектов: 100% (171/171), готово.
Сжатие объектов: 100% (89/89), готово.
Запись объектов: 100% (97/97), 338.35 Киб | 2.43 Миб/с, готово.
Всего 97 (изменений 53), повторно использовано 0 (изменений 0), повторно использовано пакетов 0
remote: Resolving deltas: 100% (53/53), completed with 42 local objects.
To github.com:innestroeva/innestroeva.github.io.git
78ff5aa..bbbf322 main -> main
innestroeva@innestroeva:~/work/blog/public$
```

Рис. 3.8: Отправка на сервер

- Проверка изменений на сайте после отправки на сервер (рис. 3.9).

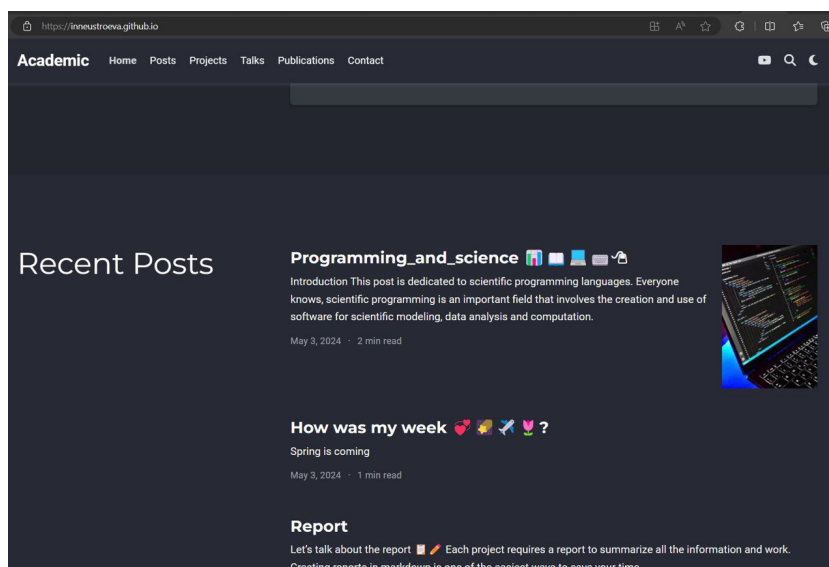


Рис. 3.9: Сайт

## **4 Вывод**

В данной работе мы написали новые посты и сделали проект