

Ministry of Education and Science of Ukraine

National Technical University “KhPI”

Educational and Scientific Institute of Computer Science and Informational Technology

Department of Computer Engineering and Programming

Course: *Programming. Part1*

REPORT on the laboratory work #2

Topic: “Basics of Markdown for Technical Reports”

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Task 1

Explanation

To understand how to work with markdown and how to create a technical report using it.

Algorithm

```
gc -m "feat: lab_02 markdown report, pdf version"
ga .
pandoc --pdf-engine=pdfroff --toc-depth=1 report.md -o report.pdf
mkdir assets
pandoc report.md report.pdf
man pandoc
cd lab_02/
n lab_02/report.md
mkdir lab_02
```

Figure 1: Algorithm

1. Create a new branch for the task.
2. Create a new directory for the task.

3. Create a assets directory for images.
4. Create a report.md file.
5. Write a report in markdown.
6. Add screenshots to the assets directory.
7. Add images to the report.
8. Convert the report to pdf.
9. Push the changes to the repository.

Command performed

```
git checkout -b lab_02
mkdir lab_02
mkdir lab_02/assets
touch lab_02/report.md
nvim lab_02/report.md
pandoc --pdf-engine=pdfroff --toc-depth=1 report.md -o report.pdf
git add .
git commit -m "feat: lab_02"
git push lab_02
```