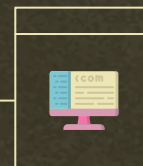
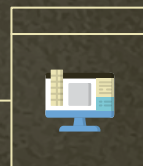
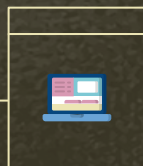


COMPILERS CONSTRUCTION

Report 1 - Lexer



COMPILUL'KI



Gleb
Bugaev

Nail
Minnemulin

Dmitriy
Okoneshnikov

Milana
Sirozhova

Technology stack

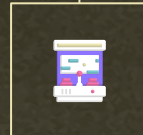


Project: **Object-Oriented**

Target platform: **LLVM**

Implementation lang/tool: **C++**,
handwritten parser, **CMake**
to build the project

Target language: **LLVM**
bit-code



Description of implementation

Reads the file
character by
character

If the character is
a digit, it adds to
the buffer until the
end of the number

If the symbol is a
valid token

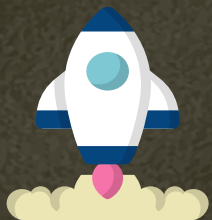
If the
character is a
space or a
new line

If the symbol
is a comment

Buffer
processing

Creating
tokens at the
end of the file

Examples



GitHub



Thanks!

