

Functional electronic circuits

Laboratory work 6 «CPU design»

1. Download the project **schoolRISCV** by link: <https://github.com/zhelnio/schoolRISCV>
2. Run the sqrt example.
3. Understand how to perform the instruction provided by variant.
4. Describe how the processor execute the provided instruction. You need to draw pictures of the steps of instruction execution.
5. Put results in the report. The report should consist of:
 - 5.1. Student Name and Student ID
 - 5.2. The pictures and explanation of the provided instruction execution.
6. Upload the report by this form: <https://forms.yandex.ru/u/6470875873cee71a21c733b8/>

Variants

Variant	Instruction
1	or
2	beqz
3	bnez
4	srl
5	sltu
6	sub