



NATIONAL RESEARCH  
UNIVERSITY



# Static Program Analysis

Lecture 1: Introduction. Static Analysis. Software Metrics.

**Andrei Tatarnikov**

[atatarnikov@hse.ru](mailto:atatarnikov@hse.ru)

[@andrewt0301](#)



# Any Questions?

```
        .text
__start:  addi t1, zero, 0x18
          addi t2, zero, 0x21
cycle:   beq t1, t2, done
          slt t0, t1, t2
          bne t0, zero, if_less
          nop
          sub t1, t1, t2
          j cycle
          nop
if_less:  sub t2, t2, t1
          j cycle
done:     add t3, t1, zero
```