



NATIONAL RESEARCH
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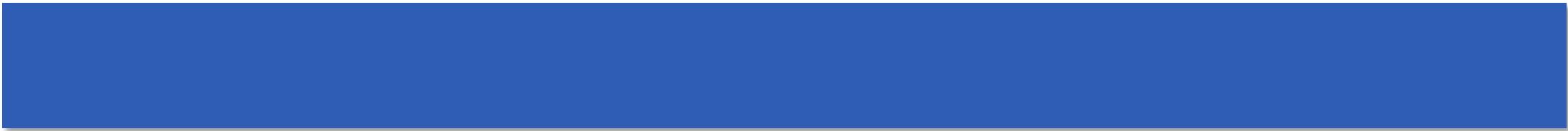
Static Program Analysis

Lecture 4: Semantic Analysis.

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Any Questions?

```
                .text
__start:      addi t1, zero, 0x18
              addi t2, zero, 0x21
cycle:       beg 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
```