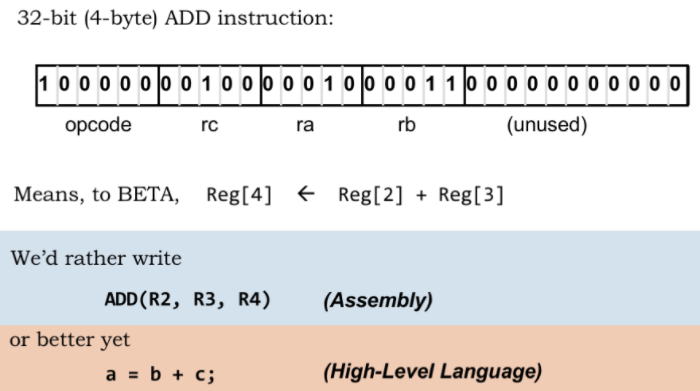
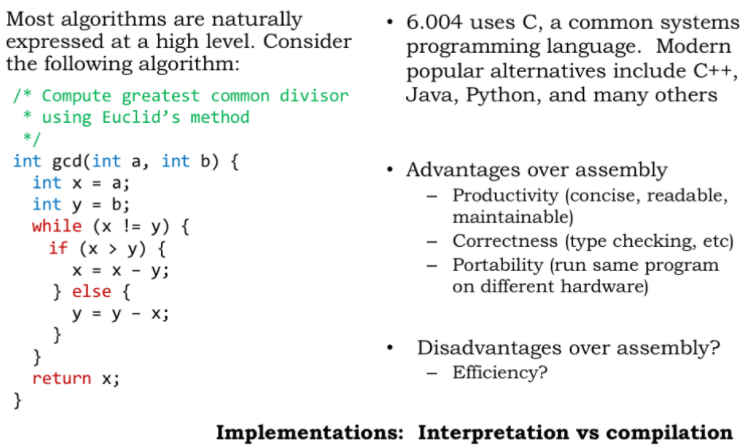
# 课件

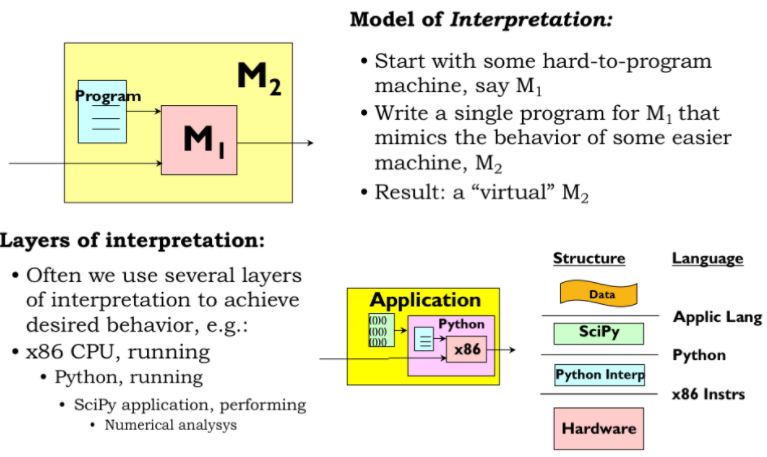
## 程序语言



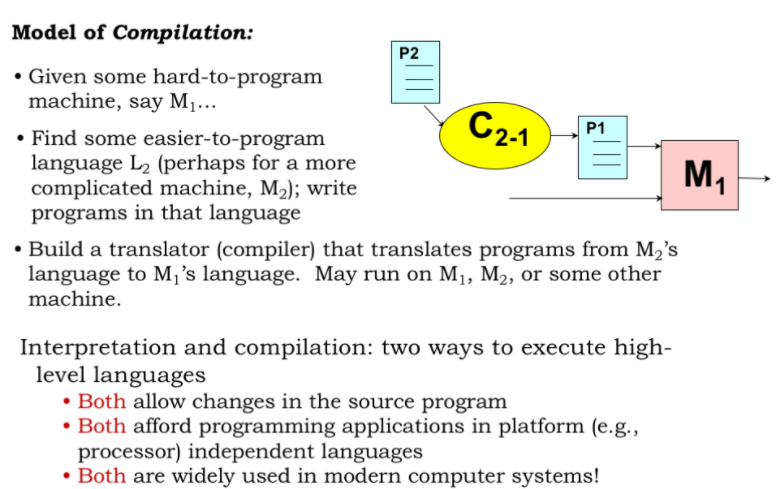
## 高级语言



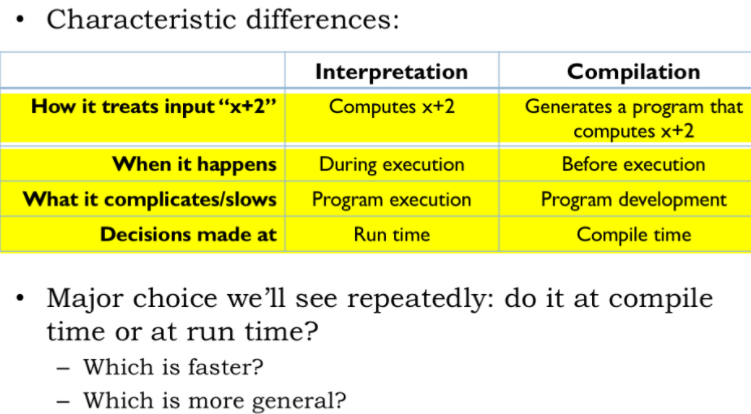
## 解释



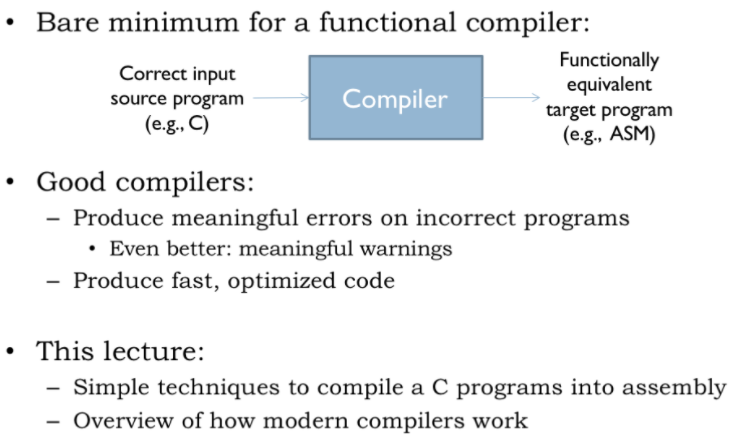
## 编译



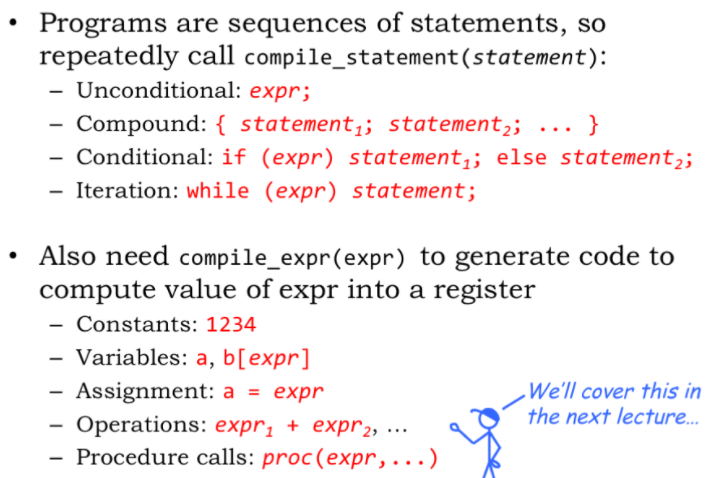
## 解释vs编译



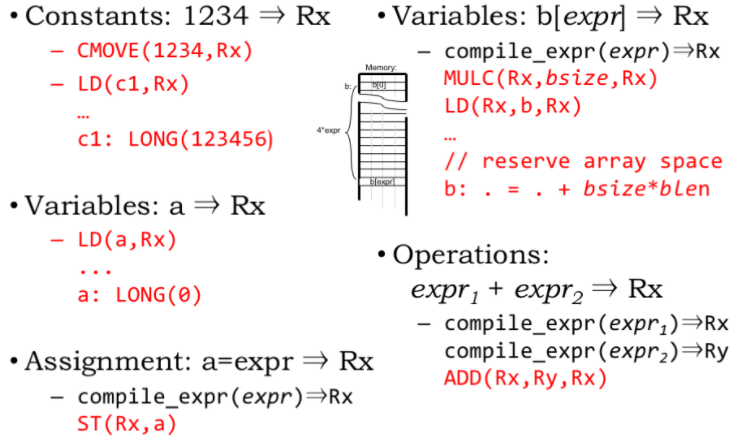
## 编译器



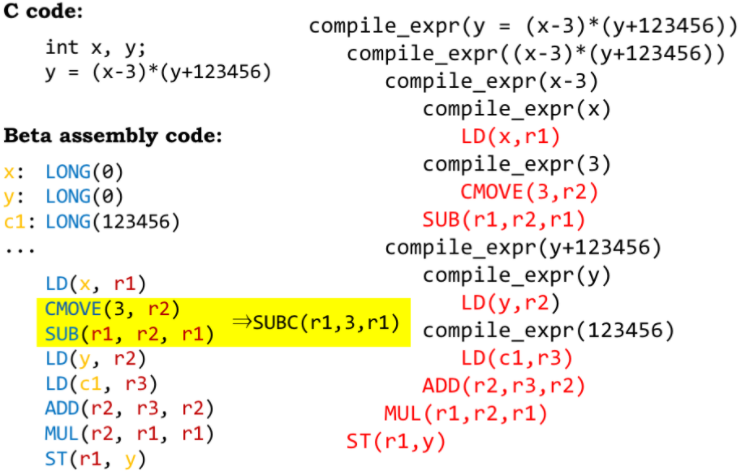
## 一个简单编译策略



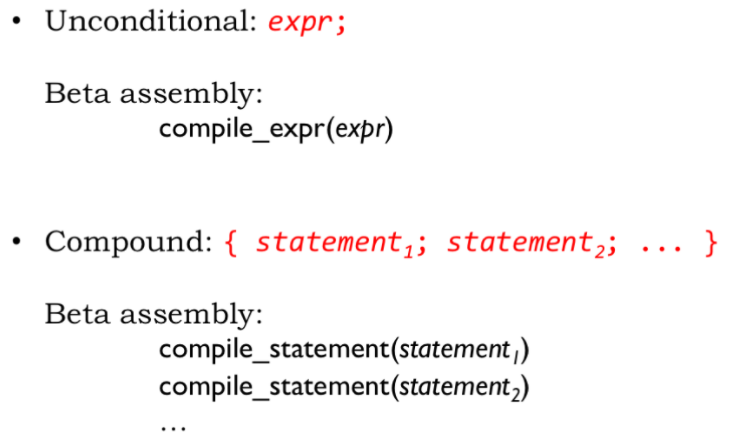
## compile\_expr(expr)=>Rx



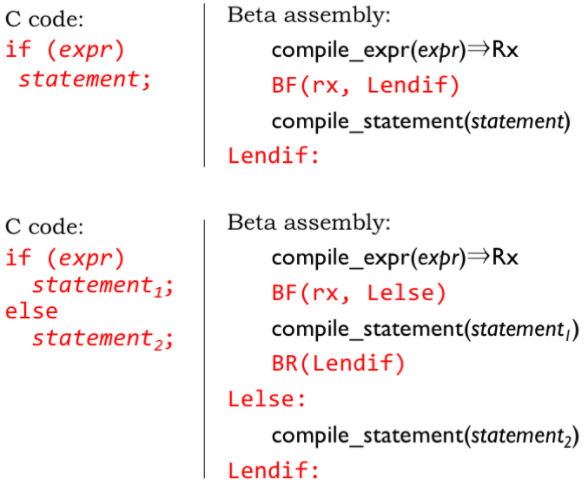
## 编译表达式



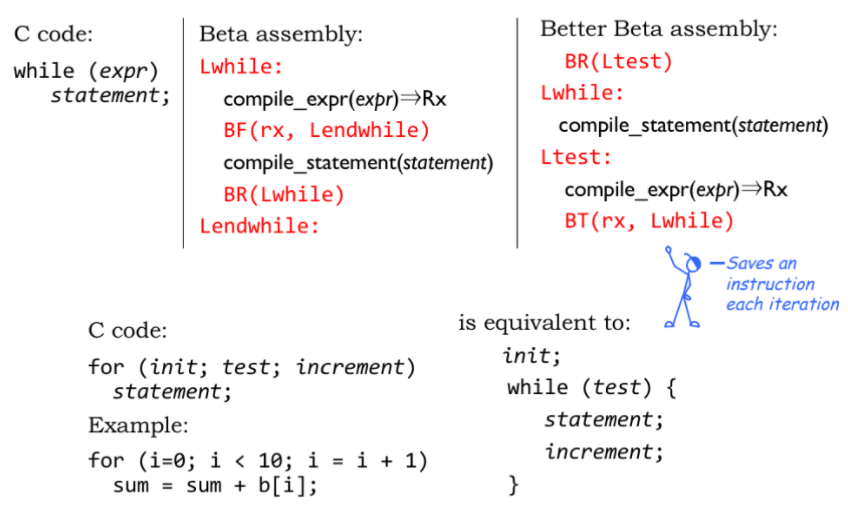
## 编译语句



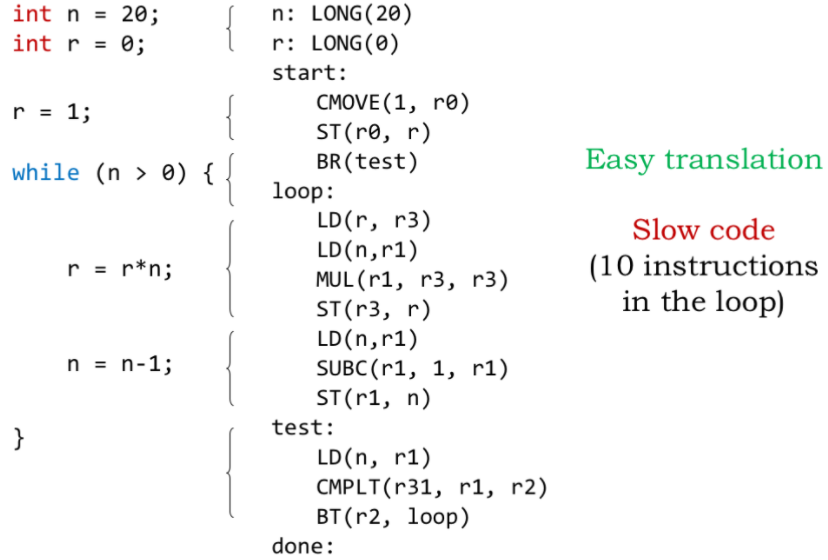
## 编译语句：条件的



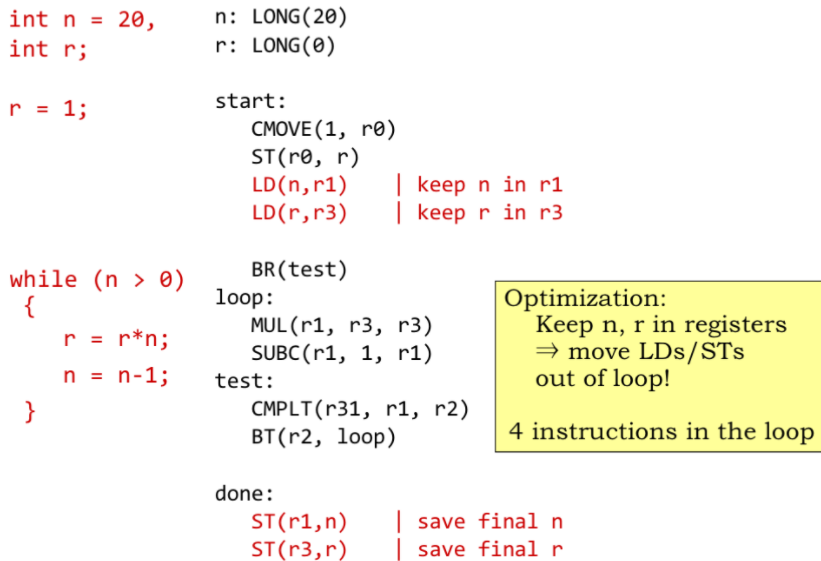
## 编译语句：迭代



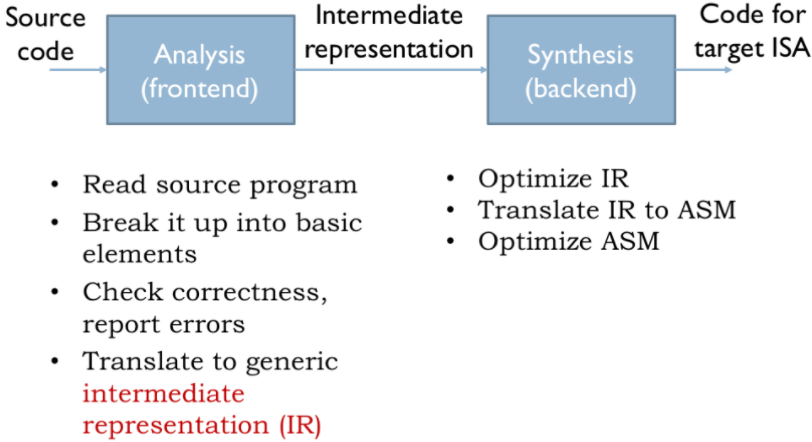
## 放到一起：阶乘



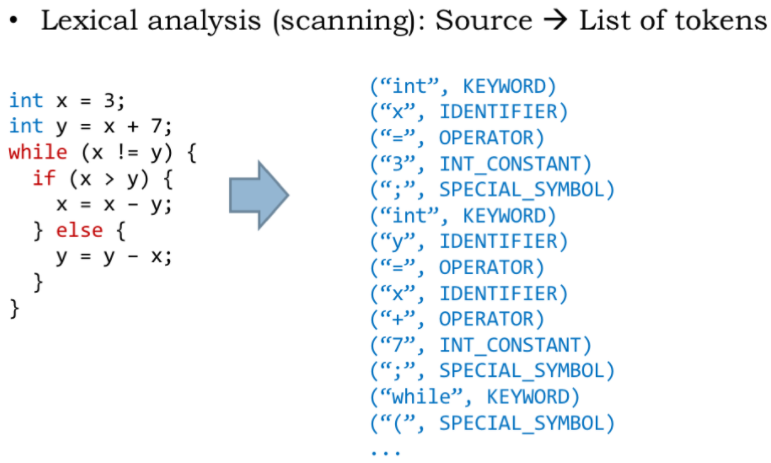
## 优化：把值放到寄存器



## 分析现代编译器



## 前端阶段



# 问题

## 问题1