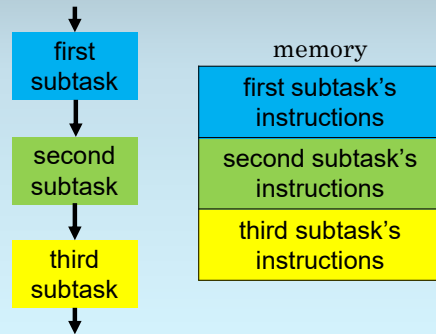
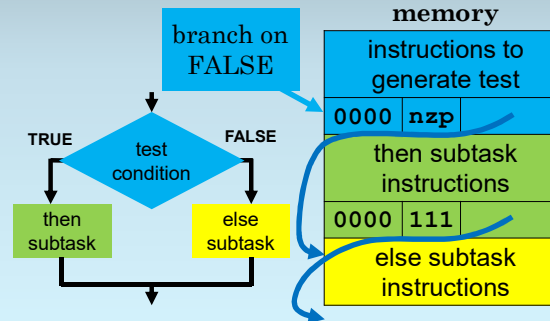


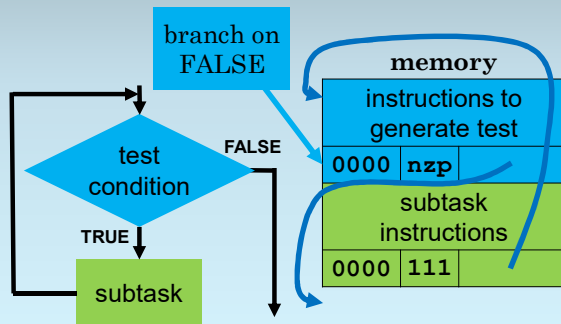
## Sequential is Easy: No Need for Control Flow



## Conditional Construct Mapped to Memory



## Iterative Construct Mapped to Memory



## Systematic Decomposition is Not Systematic

### Is systematic decomposition really "systematic?"

The term "systematic" suggests that

- one can **apply** a set of **rules**
- **without** making complex **decisions**.

Generally, such is **not the case**

- **when breaking tasks down**.
- Otherwise, computers could program for us!