

# The advantages of concurrency

- ✓ **From the system perspective**

better CPU usage resulting in a faster execution overall  
(but not individually)

- ✓ **From the user perspective**

programs seem to be executed in parallel

➔ It requires **some mechanisms to manage and schedule** these concurrent threads

# Today's lecture

1. **Interrupts**
2. **Context Switching**
3. **Synchronization**