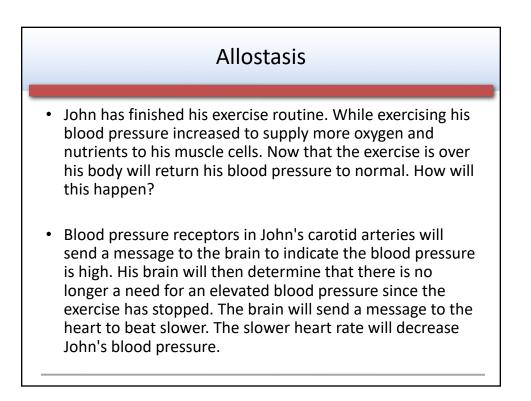
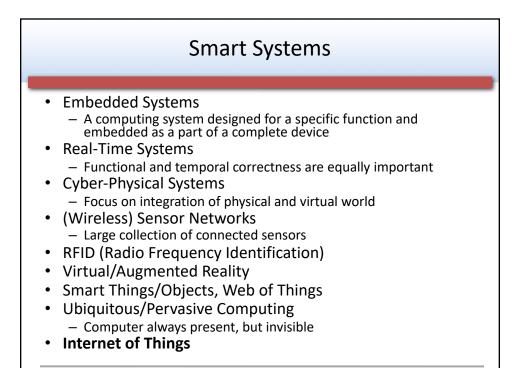
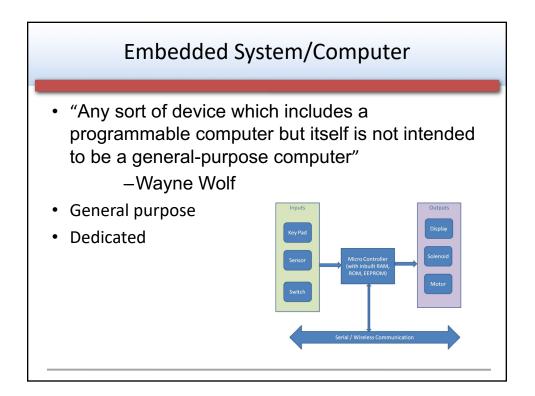


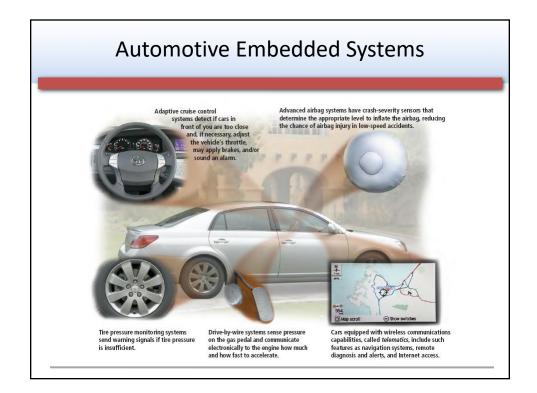
## Homeostasis

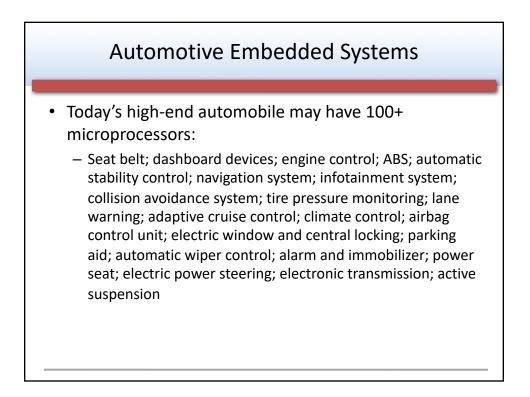
- Jason went to school in a short sleeve shirt. A cold front blew in while he was in school. While waiting for his bus he started shivering. Jason decided to skip the bus and run home. After he started running his shivering stopped. How would you explain this?
- Jason stated to shiver to keep his body temperature from falling too low. Running generated heat so he no longer needed to shiver.

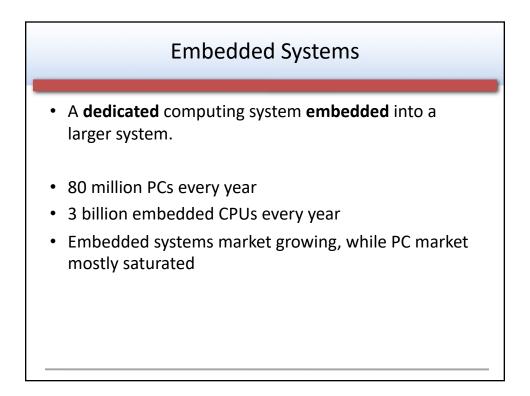


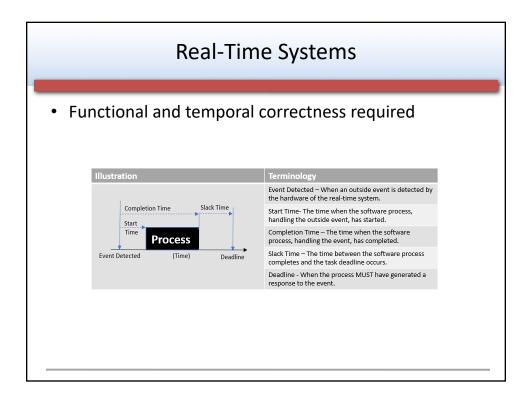


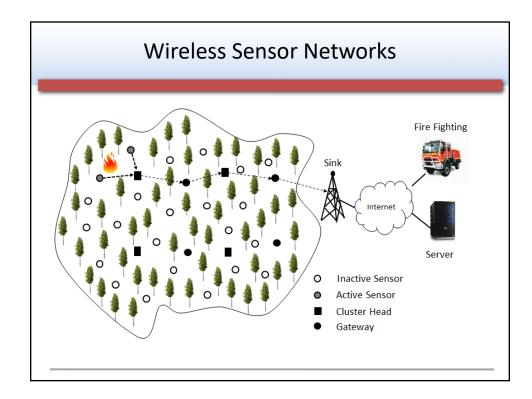




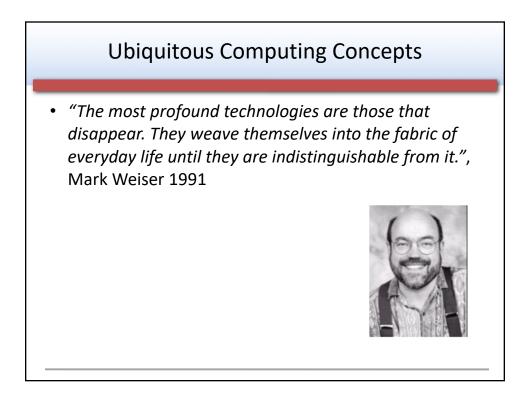


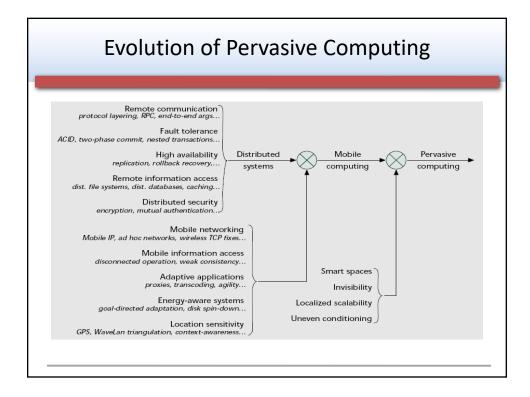


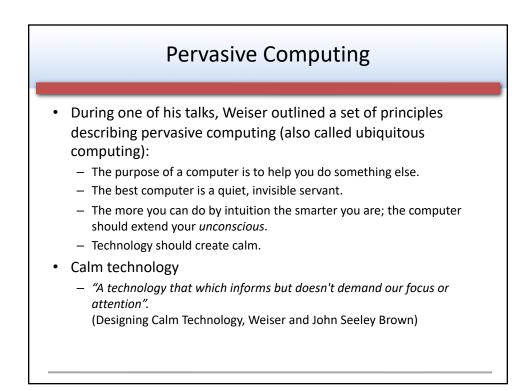


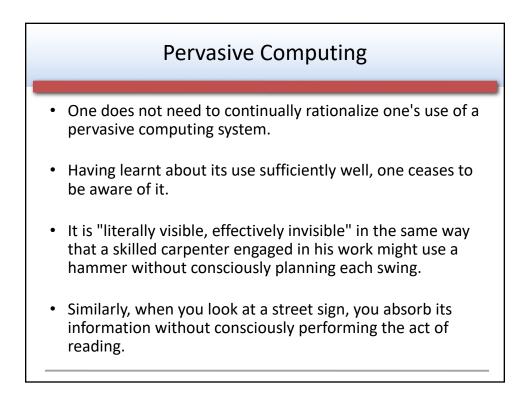


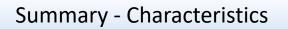




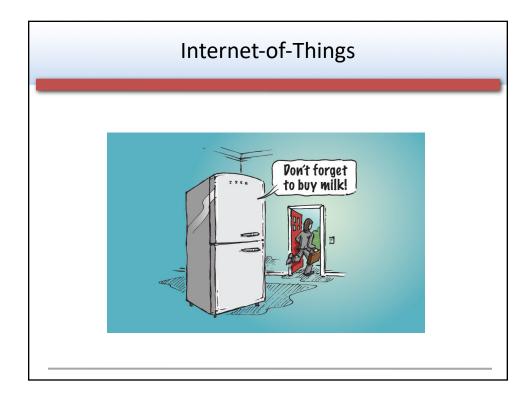






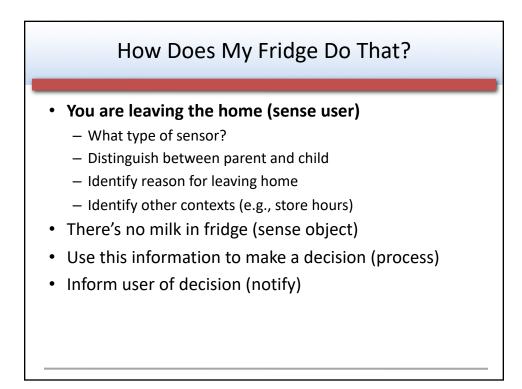


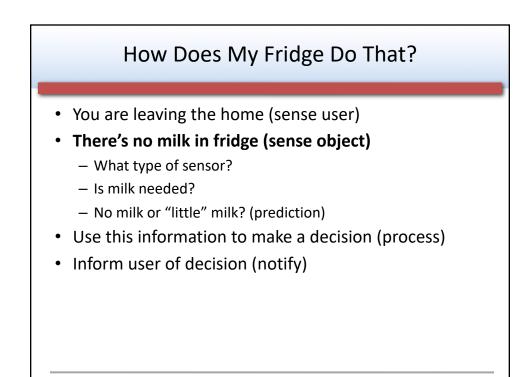
- Minimal user distraction
- Collaborative interaction
- User mobility
- Context awareness (user/time/location)
- Resource and location discovery
- Ambient information, calm technology
- Event notification
- Adaptive interfaces
- Invisibility—everyday object augmentation
- Anytime/anywhere

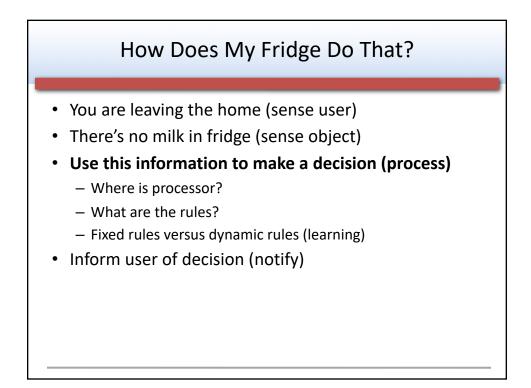


## How Does My Fridge Do That?

- You are leaving the home (sense user)
- There's no milk in fridge (sense object)
- Use this information to make a decision (process)
- Inform user of decision (communicate)









- You are leaving the home (sense user)
- There's no milk in fridge (sense object)
- Use this information to make a decision (process)
- Inform user of decision (notify)
  - How?
  - When?
  - Privacy?
  - Subtleness?
  - Information overflow?

