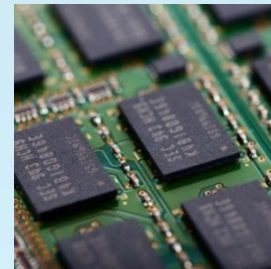
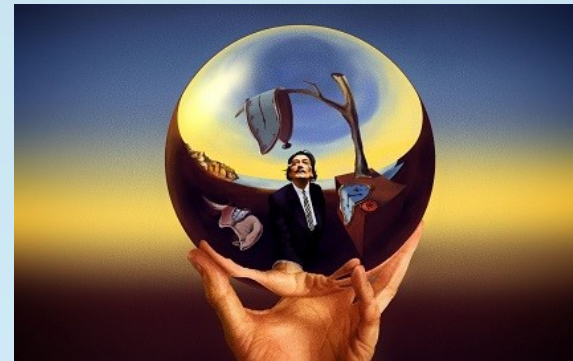
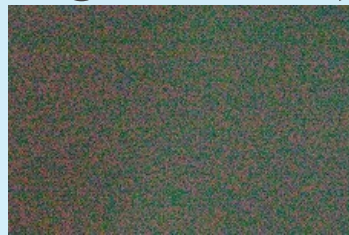
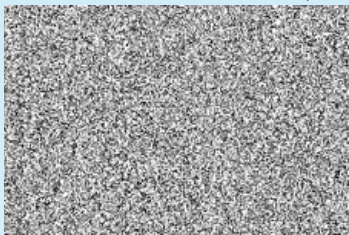


# Compression is Useful for Most Types of Information

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Modern technologies use **compression** a lot:

- **common ideas require fewer bits** (like shorter words); usually a few GB for a one-hour video
- **uncommon videos require more bits** (like longer words)



If we consider all possible images/videos, nothing changes.