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♦ **Types of Cohesion (from worst to best):**

**1. Coincidental Cohesion:**

- Just random stuff thrown together.
- Example: A module that logs a message, calculates a sum, and sends an email – unrelated.

**2. Logical Cohesion:**

- Similar logic but chosen by a flag or condition.
- Example: A function that handles both keyboard and mouse input based on a switch.

**3. Temporal Cohesion:**

- Tasks that happen around the same time.
- Example: After an error, a module closes files, logs the error, and shows a message.

**4. Communicational Cohesion:**

- Functions use the same data.
- Example: A module updates a customer record and then prints it.

**5. Functional Cohesion (Best):**

- Everything in the module works for a single purpose.
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