

♦ 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.