**4️⃣ Testing for Code Injection**

**🔹 What is it?**

* Occurs when user input is executed as **source code** (PHP, Python, Java, etc.).

**🔹 Example**

eval("echo " . $\_GET['name']);

Payload:

'; phpinfo(); //

**🔹 Testing**

* **Manual**: Inject ; system('id'); or language-specific payloads.
* **Burp Suite**: Use Repeater to test crafted payloads.
* **Indicators**: Execution of arbitrary code, error messages.

**🔹 Mitigation**

* Never use eval() or dynamic code execution with user input.
* Input sanitization.