Advanced JavaScript Reference

1. Scope & Closure:

```
function outer() {
  let x = 10;
  return function inner() { return x; };
}
```

2. Hoisting:

- Functions hoisted, variables partially

3. `this` context:

- Depends on how function is called
- Use `.bind()`, `.call()`, `.apply()` to control

4. Async/Await:

```
async function getUser() {
  let res = await fetch('/api/user');
  return await res.json();
}
```

5. Event Loop:

- Call Stack → Web APIs → Callback Queue → Microtasks