Flutter: Course Summary

CHAPTER 10
Avoid Mistakes

Use Parentheses when they're Appropriate

```
void _incrementCounter() {
  setState(() {
    _counter++;
  });
}
```

```
floatingActionButton: FloatingActionButton(
  onPressed: _incrementCounter,
  child: Icon(Icons.add),
)
```

Limit Access to Variables

- Avoid declaring top-level variables.
- Keep other files from changing your file's variables
  - start variable names with an underscore

Call **setState**

- If you press a widget and nothing happens,
  - look for a method with a missing **setState** call.

Use the Expanded Widget

- When your test device displays black-and-yellow stripes or an empty screen, the layout you've coded is causing trouble.
  - Wrap one or more widgets inside Expanded widgets.

Indent Your Code

- Code that's not properly indented
  - is difficult to read
  - difficult to maintain.
- Android Studio: Code Menu ⇨ Reformat Code

Chapter 11
Enhance
Your Career

1) Practice! Practice!

- Write as much code as you can.
- Find problems on the web or make up problems that interest you.
- If you get stuck, look in forums or set the problem aside for a while.
- When you've finished solving, look for ways to add features.
- More practice ⇨ the better your developer skills will be

2) Critique Your Own Code

- Don't be satisfied with code that merely works.
- **Good code**
  - does more than work.
  - is readable and maintainable.
  - complies with published style guidelines.
  - runs efficiently.
- No matter what kind of code you write, there's always room for improvement.

3) Have Others Review Your Code

- Other developers can find flaws that are hard for you to notice.
- Expect reviewers to be critical but respectful.
- Respond to reviews with an open mind.
- Think carefully about each comment,
- Decide whether the suggestion makes sense to you.

4) Attend Technical Groups Meetings

- You learn about things that you might not discover on your own.
- You find out what issues are at the forefront of today's technology.
- You network with professionals in your chosen field.

5) Ask Questions

- …

6) Ask Yourself Whether You Truly Understand

- Do not ignore a gap in your understanding.
- If you don't understand something that's useful for you to know,
  - stop and try to figure it out.
- The effort always pays off.

7) Learn things that you may not need to Know

- Exercise your mind.
- Nothing you learn ever goes to waste.

8) Do What You Love to Do

- If you love your work, you love your life.
- You may need to earn money in a job you don't enjoy.
  - If so, make a mental note to yourself:
  - "For now, I'll do what I have to do to support myself and my family.
- When I can, I'll find work that I look forward to every day."

9) Get Plenty of Sleep

- That extra hour you spend trying to be an overachiever won't help you when you're too tired to think clearly.

Questions