# 06 Ponder : Weekly Reflection

1. Describe how multithreading works.

Multithreading is multitasking capacity. It is dividing one task into small multiple fragments. And each thread handles one specific workload so we can do multiple process at a same time.

2. What is the difference between sublcassing Thread and implementing Runnable?

Subclass is when we inherit Thread and runnable is when we extend runnable. Runnable is more flexible than subclassing Thread because it might be problem when we have to do inheritance.

3. What was one of the most difficult challenges your team faced working on the multithreading assignment?

The HTTP connection, And views in android was complex to handle.

4. After completing the assignments this week, what questions do you still have?

Recycler View?

5. A common Android-related interview question is "If you need to update the GUI from a background thread, how can you accomplish this?". How would you answer that question?

The Ui thread is updated mostly from mainjava class. We can use the weak reference and call UI thread in background threas which can call mainjava class which will eventually update GUI.

6. How would you explain to a new developer what a software design pattern is?

It is more like a UML diagram but it covers the whole software instead of just code. It shows how each part of the software is connected together from database to GUI. It is more useful in solving problem in a software design than transforming directly into source code.

7. Give an example of when you would use the Strategy pattern other than the examples given in the reading.

We use it when action depends on the strategy we choose. Ping-Pong game relies a lot in strategy.

8. Of all of the resources and tutorials in this week's assignments, which was the \_most\_ helpful to you and why?

All not thing is useless when you are learning.

9. Of all of the resources and tutorials in this week's assignments, which was the \_least\_ helpful to you and why?

NO

10. How many hours did you spend on this class this week?

06 Prepare -

06 Teach -

06 Prove -

06 Ponder -

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Total Hours – 10+