**Problem Solving – Pseudocode 1**

1. **Write pseudocode to print out all the multiples of 8 between 0 and 100 (inclusive)**

For counter = 0; counter <= 100; counter++

If counter % 8 ==0

Print counter

1. **Write pseudocode to ask the user for a number between 1 and 100 and then print out all the multiples of this number between 0 and 100 (inclusive)**

Input any number from 0 to 100

For counter = 0; counter <= 100; counter++

If counter % number == 0

Print counter

1. Watch [Episode 1 of Think Like A Coder](https://www.youtube.com/watch?v=KFVdHDMcepw). Attempt to come up with the solution on your own *using pseudocode*.

Surprises: prison cell, complete amnesia, a mysterious stranger(Hatch)

For dial = 1; dial <= 100; dial++

1. Watch [Episode 2 of Think Like A Coder](https://www.youtube.com/watch?v=axBuiB55CfA). Attempt to come up with the solution on your own *using pseudocode*.

**Note: In the video questions above, please do attempt to come up with the solution yourself instead of getting the solution from the video. If you struggle to come up with your own solution after giving it a fair shot (at least an hour) then convert the solution from the video into Pseudocode.**

**Once complete, compare your solution to the solution in the video. Do they match? Even if they don’t match, your solution might still be right. There’s often more than one way of doing something.**