Challenge 1 - write up

Scenario:

> We sniffed this capture between two communicating parties. We need help figuring out what was said? We believe a critical key was exchanged.
> note: there is a known typo, it should not affect the solution.

Solution:

We load the .logicdata file on Logic and see there is input at 2 of the channels (0 and 1). In order to decode the message hidden, we try some of the decoders. It turns out we need the ASYNC SERIAL one, set at 9600 bit/s and 8 bits per transfer.

If we try to decode both of the channels with the decoder we have set, we get the following dialogue:

> -Hello!
> -Hey! Good to see you!
> -Did bring the thing?
> -Yes, but this frequency can't by trusted. Jump to this baudrate times 12!.û..ÿ [We see that the typo mentioned above is baudrate --> baud rate]
> -Got it! Thanks!
> -Later!

So we now understand that we have to set the decoder to another baud rate. We actually need to set it to **120000** (and not 12 or 125000 as I and some could think at the beginning), and then we receive the secret key that got exchanged, which is:

The secret is **flag{part_of_a_balanced_breakfast}**