Challenge Preparation Instructions

In the uploaded .zip file, you will find a file named **message_small.txt**. Your task is to transmit this message from one development board to another.

Folder Structure:

- /devboard_sketch_receiver: contains the Arduino code for the receiver
- /devboard_sketch_sender: contains the Arduino code for the sender
- sender.ipynb: Python notebook for communicating with the sender Arduino
- receiver.ipynb: Python notebook for communicating with the receiver Arduino

Steps:

1. Upload the Arduino code to each board (sender and receiver) using the provided sketches.
2. Use the Python notebooks (sender.ipynb and receiver.ipynb) to communicate with the boards.
3. In the receiver's Python code, you are free to implement any modulation technique of your choice in the translator cell.

Challenge Goal:

In the actual challenge, you will transmit **three different messages** of varying lengths. Your objective is to achieve:

- **Accuracy > 95%**
- **Bit rate of 500 Hz**