Here is a brief explanation on the worksheet 2 of IOT

From the first video you can see, that the morse code is working by showing when I press button a it sends a dot and when pressing button b it sends a dash, this can be seen from the other microbit as well

So I have sent the characters A N A , and its displayed when its received by the receiver microbit,and when you press both buttons at the same time it will scroll the message you sent

Furthermore, I have also added another encryption type, and this is in a separate source file. What it does is basically when ever we send the morse code , it goes through a simple caesar cipher, in the video example im trying to send the letter G, its displayed as letter G first, after it displays it goes through the Caesar cipher and receives it as letter J as its encrypted. This is a simple encryption where we can encrypt the morse code that is already travelling through. To decode the message the user has to press both buttons a and b, and we can see from the video the letter G is displayed.