Microcontroller Part:

Task 1:

TinkerCAD link: <https://www.tinkercad.com/things/2IaUWSEYpZU-exquisite-uusam/editel?sharecode=FCO3kH3Q7FwdN-mc60ousqjF7I0Dt0VJeqwxiTw7i0Q>

Problems I faced during the task:

1. As this was my first time using Arduino,I had to first learn the basic setups
2. During running simulation, TinkerCAD was showing “Invalid Header file”error even though all the header files were valid. This was due to an error in function parameters which took me one hour to resolve.
3. Transmitted datatype was byte so I had to convert my message into bytes and after receiving reconvert them into a string to print on the serial monitor.