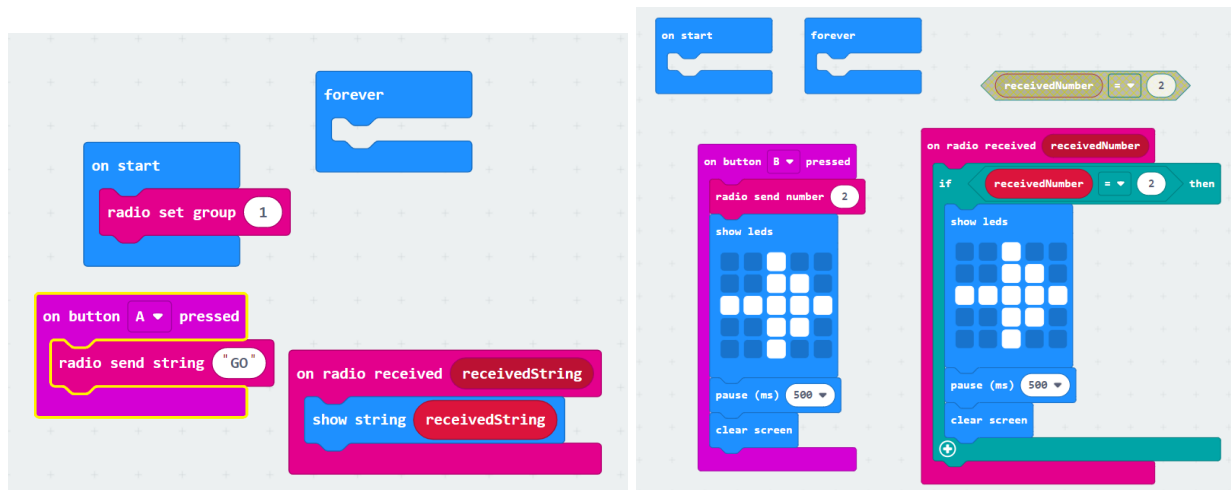


Robot Helmet

Your Task:

You have to design, build, and program a robotic helmet that will be used to control your “robot”. You must first complete the “*Micro Chat*” tutorial before beginning this project. **Your robot must be able to navigate through a maze and collect supplies.**

Your code must have 4 types of command that will radio to the paired microbit. These 4 commands will likely be “Left arrow, Right arrow, Forward arrow, Stop” You will also need a command for “Pick up”. There might be other commands that can be useful such as: rotate, side step, etc. You can use words, or the LEDs on your Microbit. **Below is another sample of code you might use:**



Criteria:

Your robotic helmet must include all of the following components to receive full marks:

1. A cardboard prototype helmet with your robot design
2. Paired Microbits with at least 4 blocks of code
3. A screenshot of your code with a legend that describes your code