

Micro:bit Project Sheet 20

Success Criteria

- Happy face displayed
- Count down 5 seconds
- Fire bullet over radio using button a
- If player hit sad face shown and lock micro bit

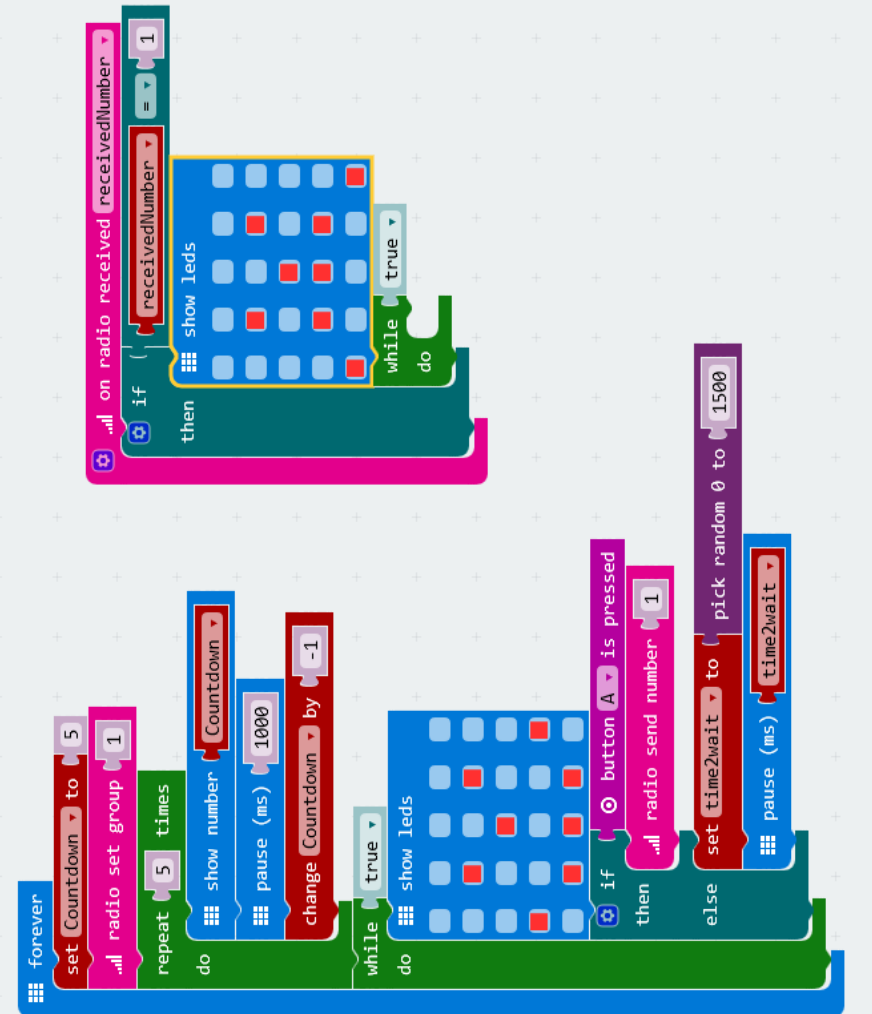
Introduction

The purpose of this block code is to demonstrate the simplicity of the wireless radio feature. This is a clone of Project 12 which was written in C but this time completed using Microsoft Programmable Experience Toolkit (PXT)

<https://m.pxt.io>

This is the same as Block available from the Microbit website but has additional features not yet available via the BBC included.

Microsoft PXT



Testing

- Test with 2 MicroBits first
- Countdown correct
- Both happy face
- Press button on A Bit A (might need to shoot more than once) does Bit B show sad face and lock
- Reset - press button A on Bit B (might need to shoot more than once) does Bit A show sad face and die
- Retest with multiple Micro bits for “volume testing”

Notes—

Code is downloadable from the website

