

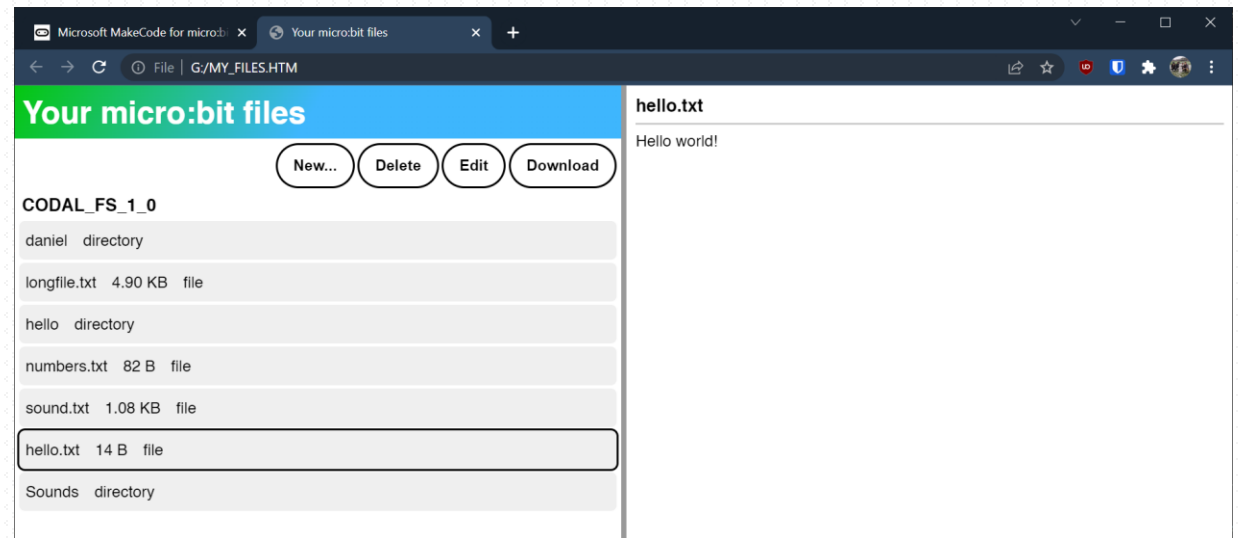
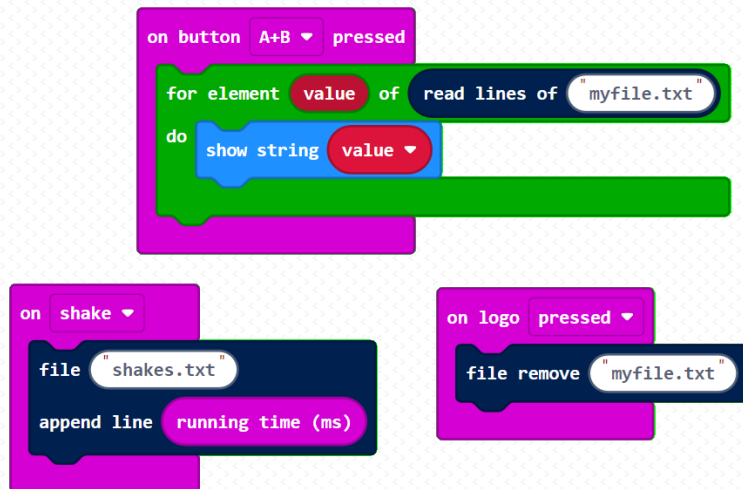
micro:flash

a filesystem for micro:bit

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What is micro:flash?

- A place to store files on your micro:bit!
- Lets users create and read files using MakeCode or C++ (CODAL)
- Users can access and download the files by plugging their micro:bit into their computer



What has this enabled?

- Lots of potential applications
 - Create text or audio files with the micro:bit, plug into your computer, then download and read or play them back!
 - Save high scores and other game details

Future applications

- Storing Python libraries
- *Uploading* content such as dictionaries, quiz questions, or other data sources for interactive games and educational resources

Demo

- A morse code recorder/replay device
- Saves a morse code sample which is recorded to the filesystem
- The micro:bit can be powered off and on and keep the recorded sample
- The sample can then be downloaded onto a user's computer
- **Future:** Users would be able to share and upload other samples to the micro:bit through the filesystem browser