

Remote Control with Backup Sounds

Time required: 45 minutes

Please read all the directions carefully before beginning the assignment.

- Comment your code as shown in the tutorials and other code examples.
- Follow all directions carefully and accurately.
- Think of the directions as minimum requirements.

Understanding

Demonstrate understanding of:

variables, for loops

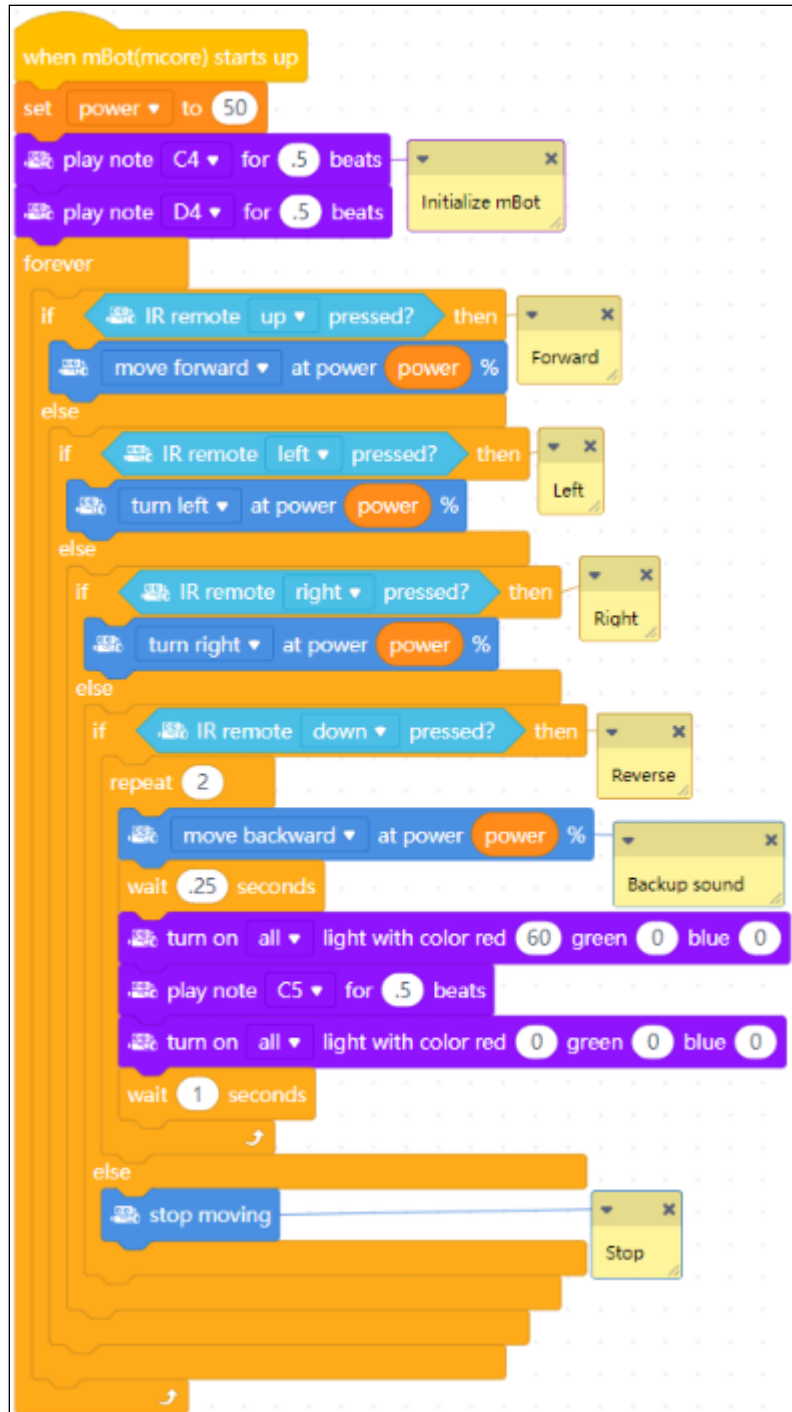
Knowledge Points

Requirements

This program simulates the backup sound of a dump truck or payload.

Assignment

1. Save your Arduino **SimpleRemoteControl** sketch as **RemoteControlBackup**
2. Add some backup sounds to your simple remote sketch using a for loop. Use the mBlock program shown as a guide to build your backup sounds.
3. Add your own sounds and lights.



Assignment Submission

- **All students** → Attach finished programs to the assignment in Blackboard.
- **In class assignment submission** → Demonstrate in person.

- **Online submission** → A link to a YouTube video recording showing the assignment placed in the submission area in BlackBoard.