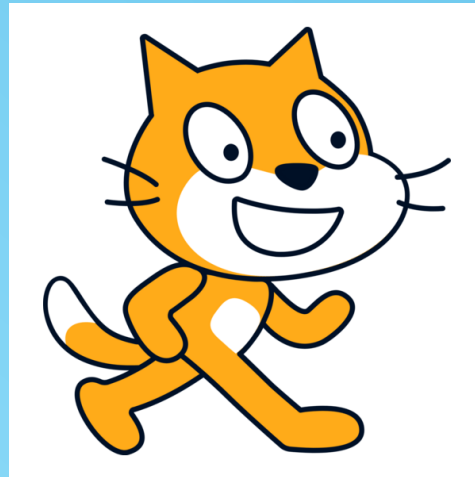


Welcome to Scratch Camp!

Summer Coding Adventure with Scratch



Introduction to Scratch & Coding

- **What is Scratch?**

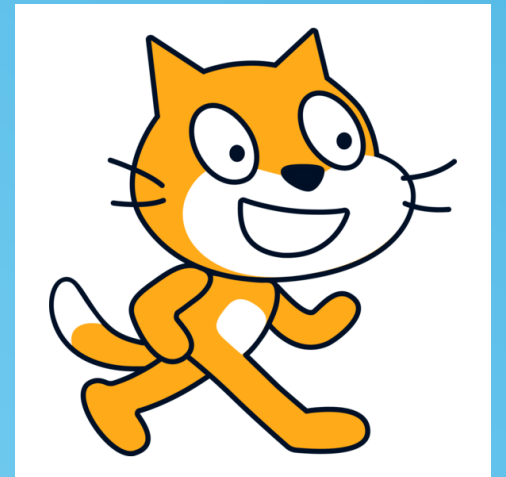
- Visual programming language by MIT
- Great for making games, animations, stories

- **Why learn Scratch?**

- Logic skills
- Creativity
- Foundation for other coding languages

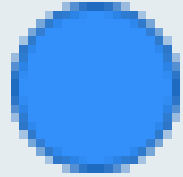
- **How Scratch works**

- Block-based coding
- Sprites (characters)
- Stage (background)

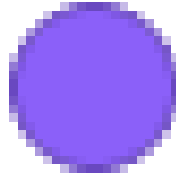


Core Concepts

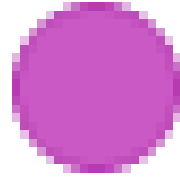
4 Core



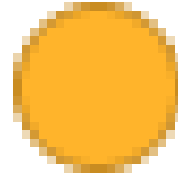
Motion



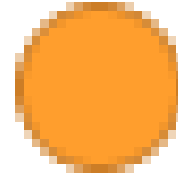
Looks



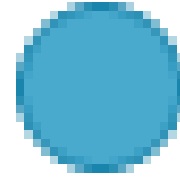
Sound



Events

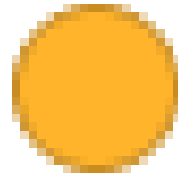


Control

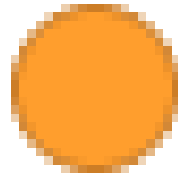


Sensing

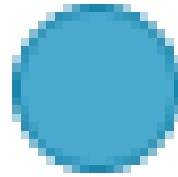
Sound



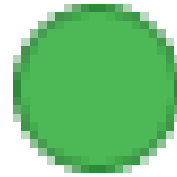
Events



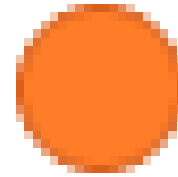
Control



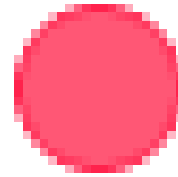
Sensing



Operators



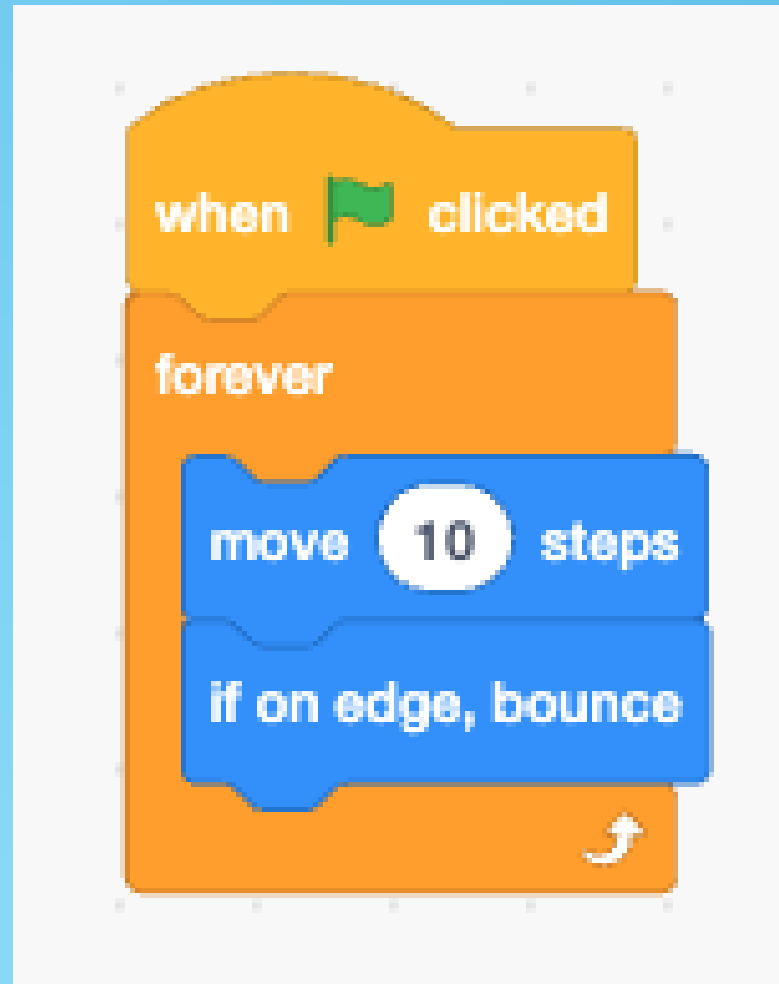
Variables

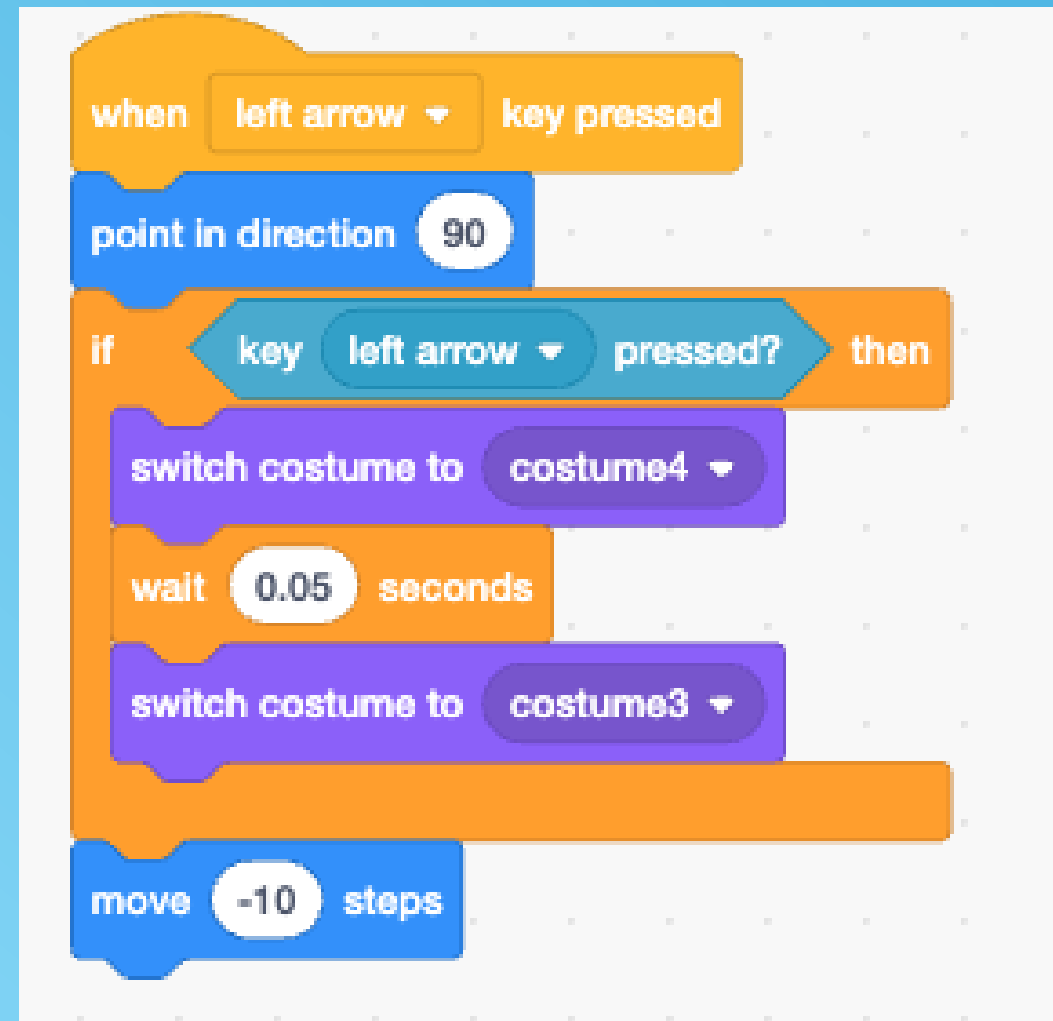


My Blocks

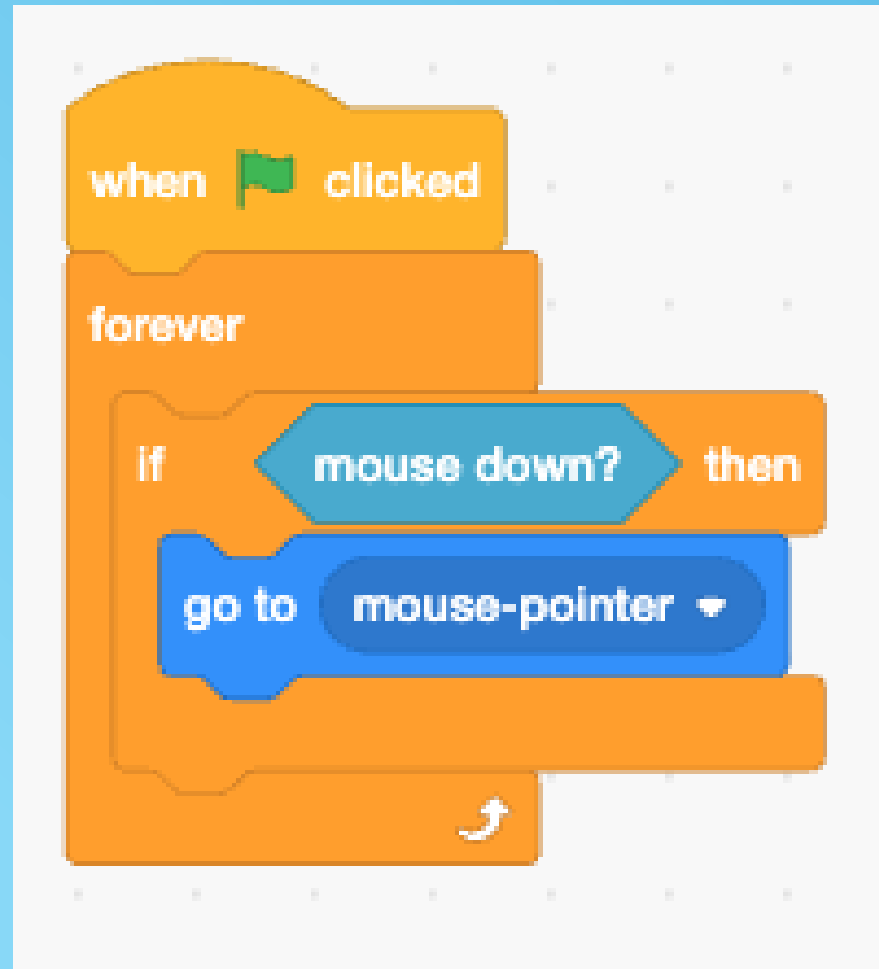
Making a Simple Game or Animation

1. Add movement

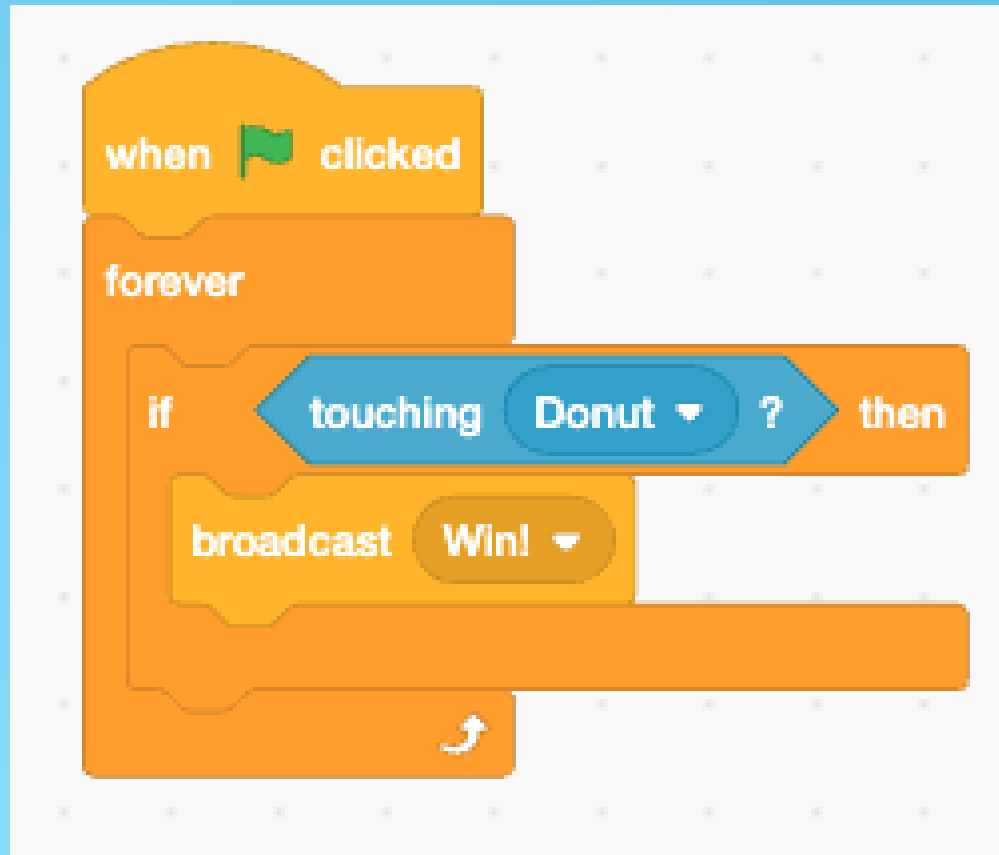


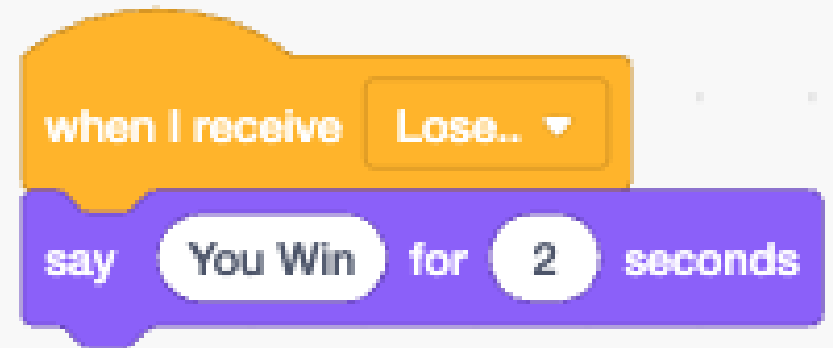


2. Add interactivity



3. Add a goal (e.g. score, win/lose)





4. Add polish (sound, animation, feedback)