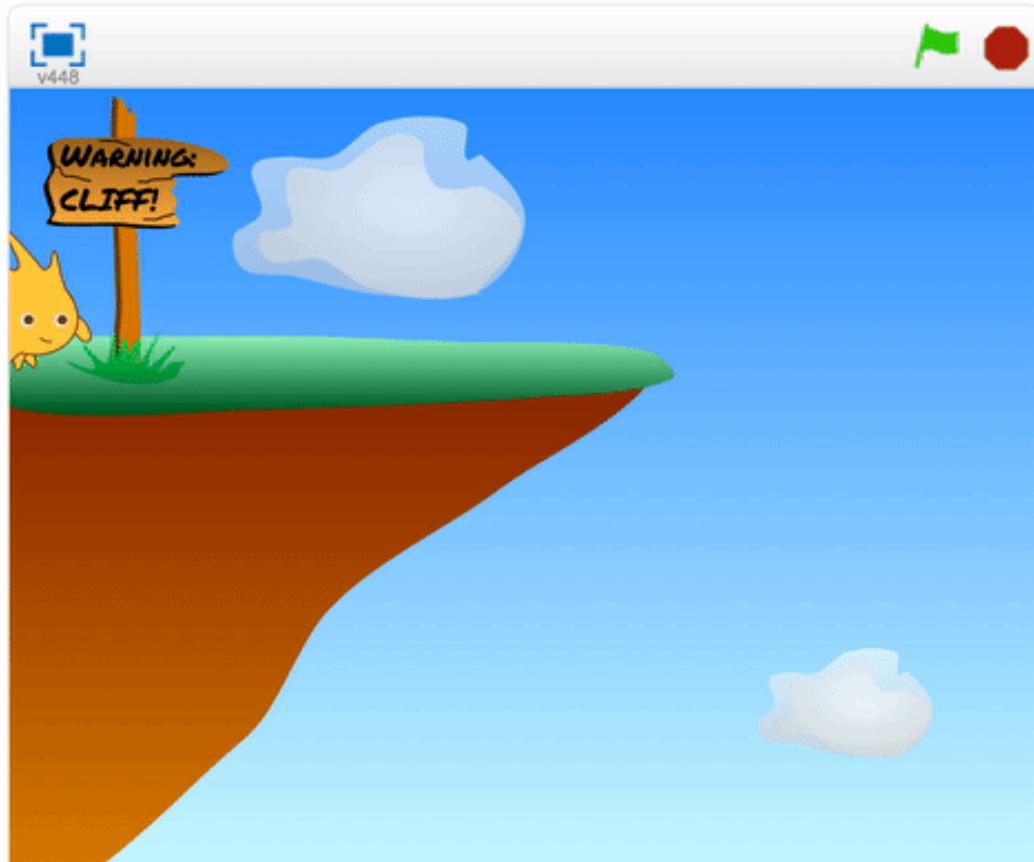


ANIMATION AND CODING



**TEACHER:
CERTIFIED
TRAINER**

**DURATION:
16 CLASSES (x2 LEVELS)
(1 HOUR PER CLASS)**

**MODE:
ONLINE AND
OFFLINE**

A block based visual programming language designed for animation that focus more on problem solving than on specific syntax.

Learn to program your own interactive stories, games, and animations — and share your creations with others in the online community. Scratch helps young people learn to think creatively, reason systematically, and work collaboratively. The ability to code computer programs is an important part of literacy in today's society. When kids learn to code, they learn important strategies for solving problems, designing projects, and communicating ideas.

COURSE CURRICULUM

LEVEL 1

- Sequencing
- Conditionals
- Types of Loops
- Dance Party
- Key Press Events
- Logical Shapes
- Sensing & Control
- Debugging
- Text to Speech
- Animated Stories
- Creating Strings
- Basic Games

LEVEL 2

- Paint Tools & Orientation
- Operators
- Types of Conditionals
- Variables
- Loop Extensions
- Boolean Expression
- Turtle Arts
- User Data Input
- Functions
- Music Tool
- List
- Advance Games