

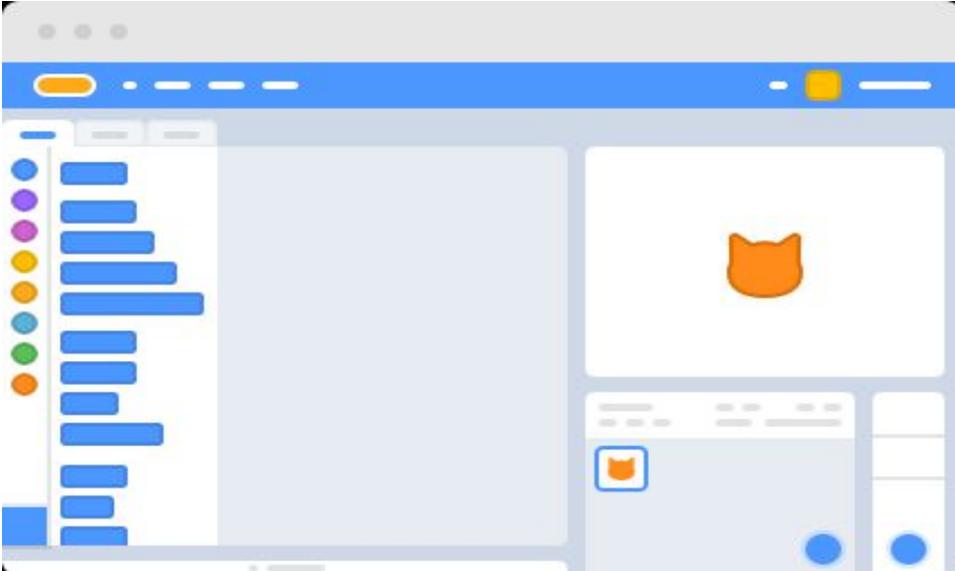


Creating Animated Story using **SCRATCH**

Agenda

- ✓ About Scratch
- ✓ Account setup
- ✓ Navigation around the scratch environment and lingos
- ✓ Familiarization with scratch blocks
- ✓ Creating animations
- ✓ Look through designed animation
- ✓ Summary





CODING ANIMATION and GAMES

Let's share our
Scratch Stories

[#scratchinpractice](#)

[@scratch](#)



Exploring the Scratch interface

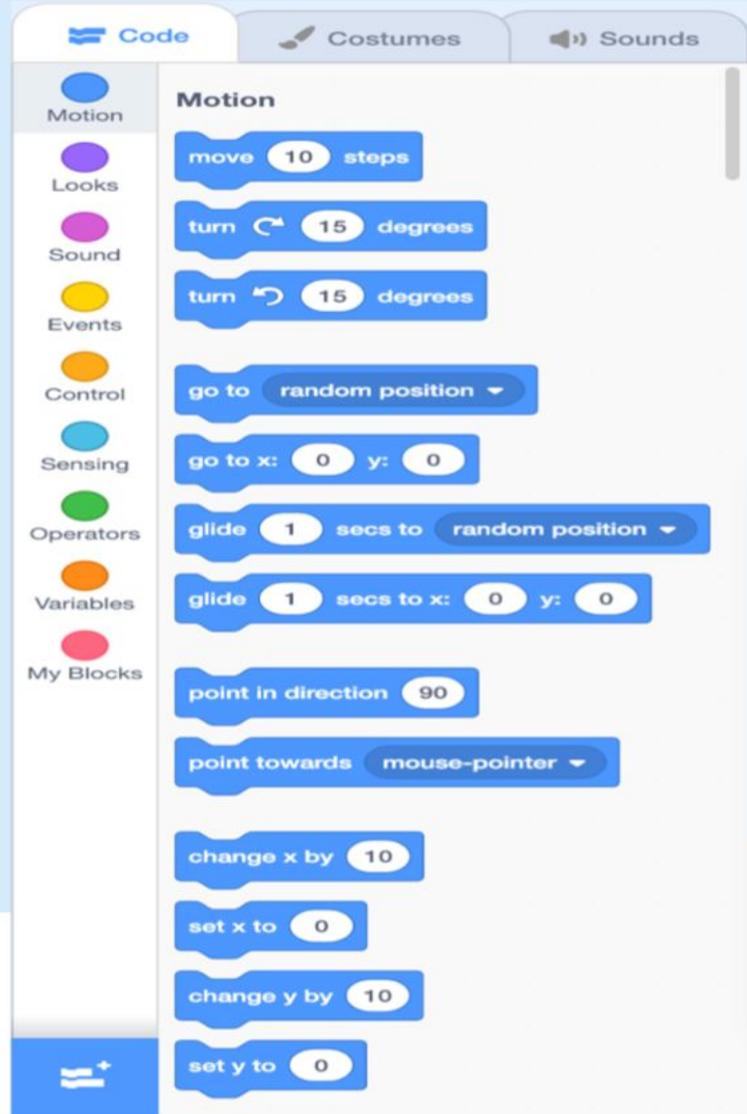
The image shows the Scratch web interface with several callout boxes pointing to different parts of the screen:

- Language**: Points to the language selection dropdown in the top left.
- Save**: Points to the save icon in the top left.
- Project name**: Points to the project name field in the top left.
- Switch view**: Points to the tabs for Code, Costumes, and Sounds.
- Select blocks**: Points to the block palette on the left.
- Your code**: Points to the script area where code blocks are assembled.
- Add extensions like the Pen or micro:bit**: Points to the extension icon at the bottom left.
- Your program runs here**: Points to the stage area where the animation plays.
- Change a sprite**: Points to the sprite selection dropdown in the bottom right.
- Select backdrop**: Points to the backdrop selection dropdown in the bottom right.
- Select sprites**: Points to the sprite selection area in the bottom right.
- Zoom**: Points to the zoom controls in the bottom right.
- Add a backdrop**: Points to the backdrop selection area in the bottom right.
- Add a sprite**: Points to the sprite selection area in the bottom right.
- Full screen**: Points to the full screen icon in the top right.

The interface includes a menu bar with File, Edit, Tutorials, and Scratch Project. The left sidebar contains categories like Motion, Looks, Sound, Events, Control, Sensing, Operators, Variables, and My Blocks. The bottom right panel shows the Sprite and Stage settings, including position, size, and direction.

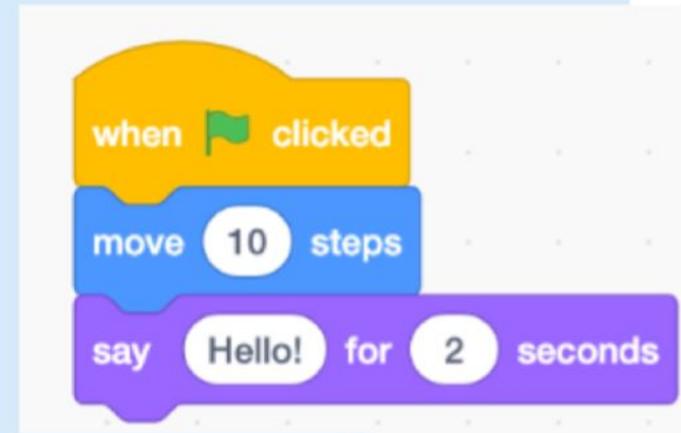
Block Palette

All your coding blocks are here!



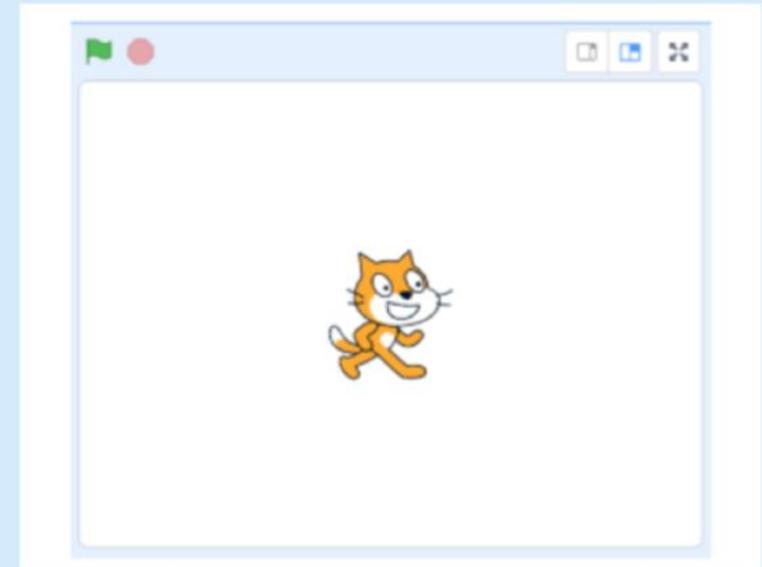
Scripts Area

The scripts area is where our code is dragged to and assembled.



Stage Area

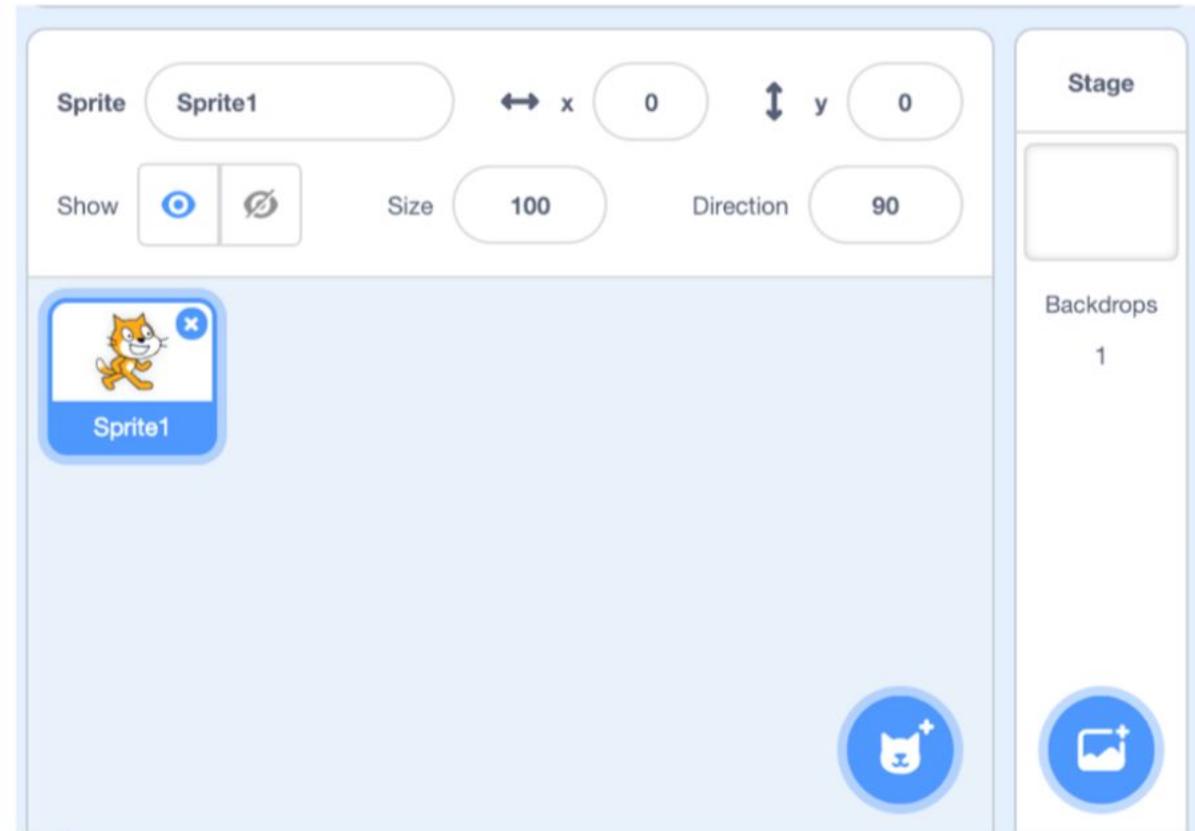
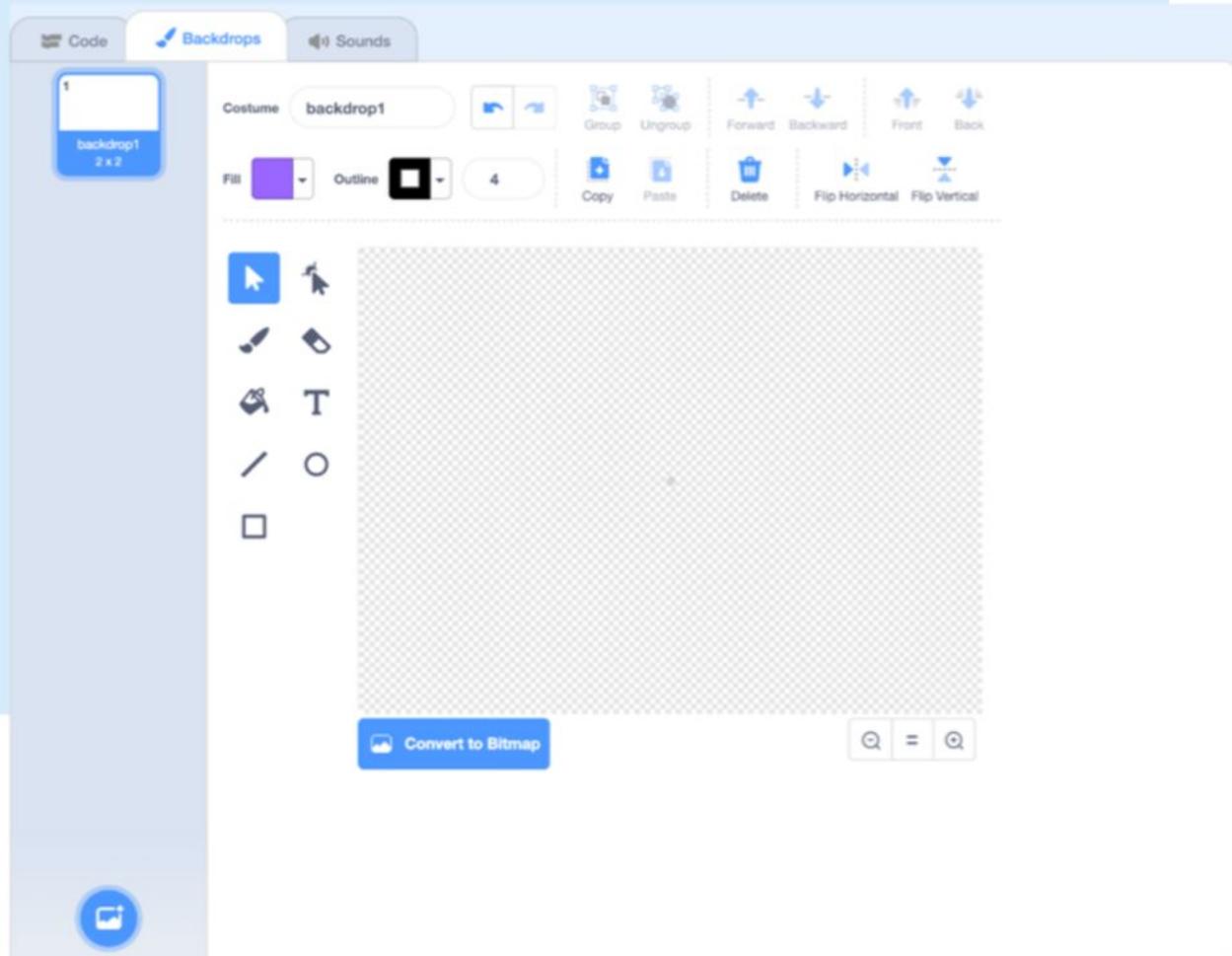
The stage our code comes to life!



Costume & Backdrop Panes

It can be accessed by clicking the middle tab in between the "code" tab and the "sounds" tab.

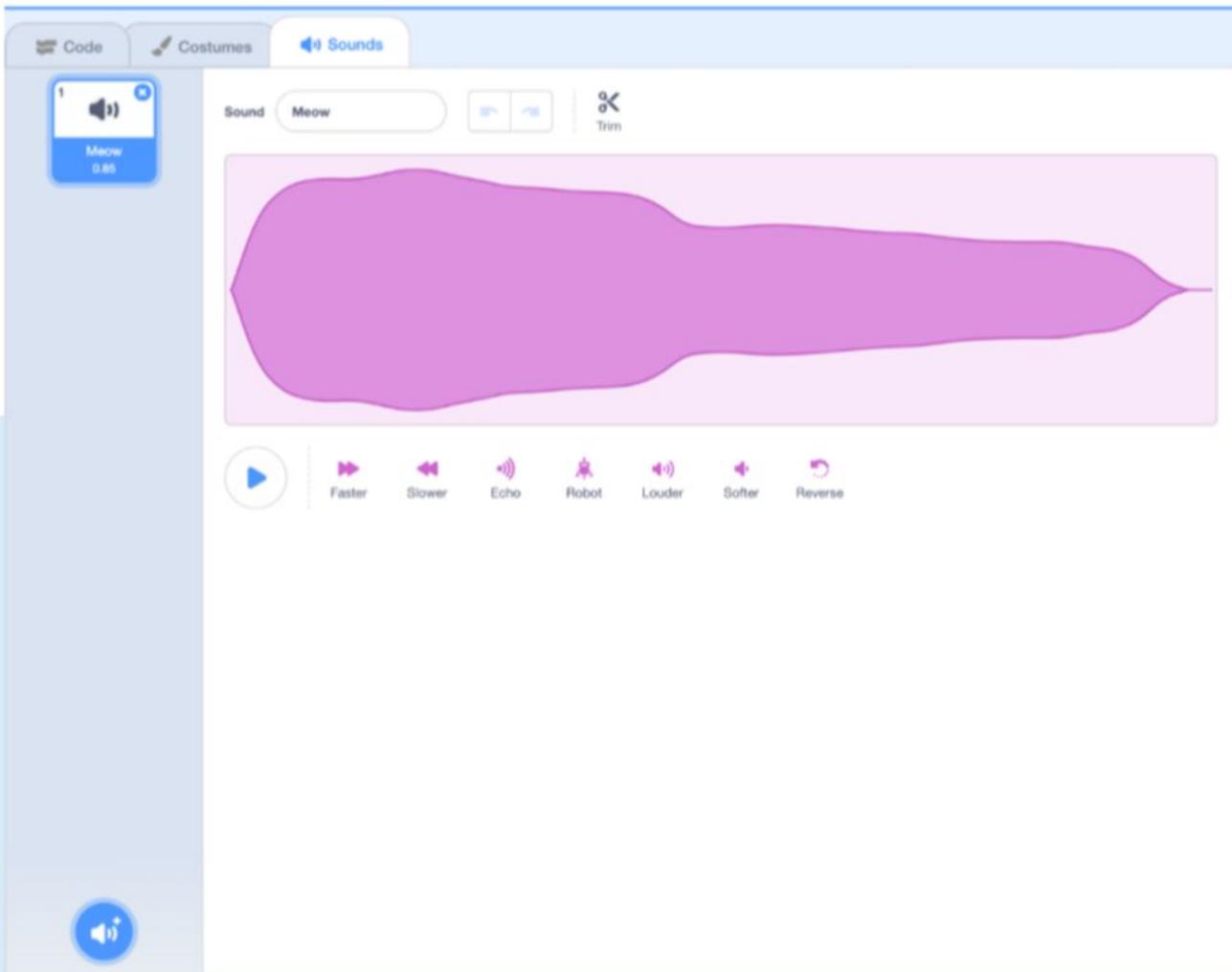
This is where we can create and manipulate sprites and backdrops.



Sprite info pane

This is where we can find info about our sprites as well as manipulate them.

Access this pane by clicking on the thumbnail of the desired sprite. You can also delete and create new sprites.



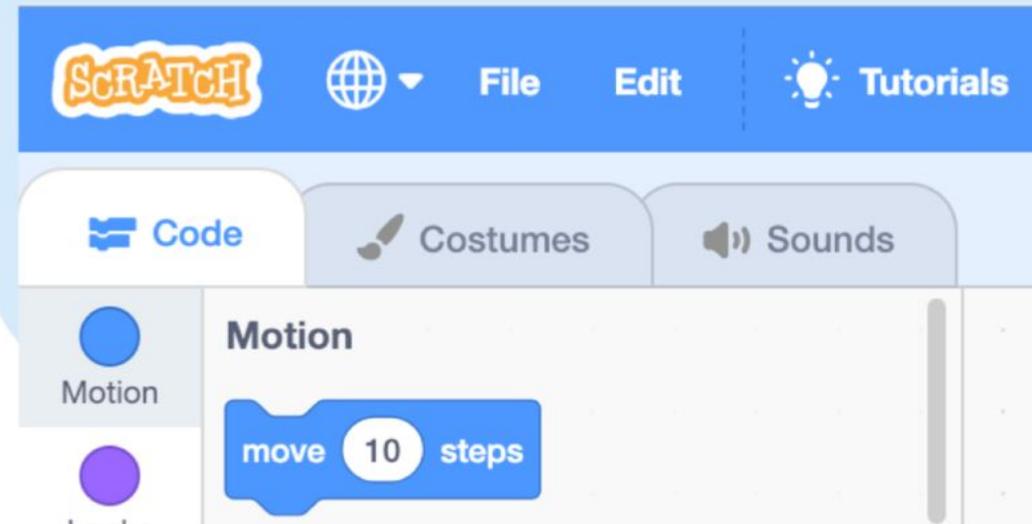
Sounds Pane

The last tab in the top left area of the interface allows us to create and manipulate sounds.

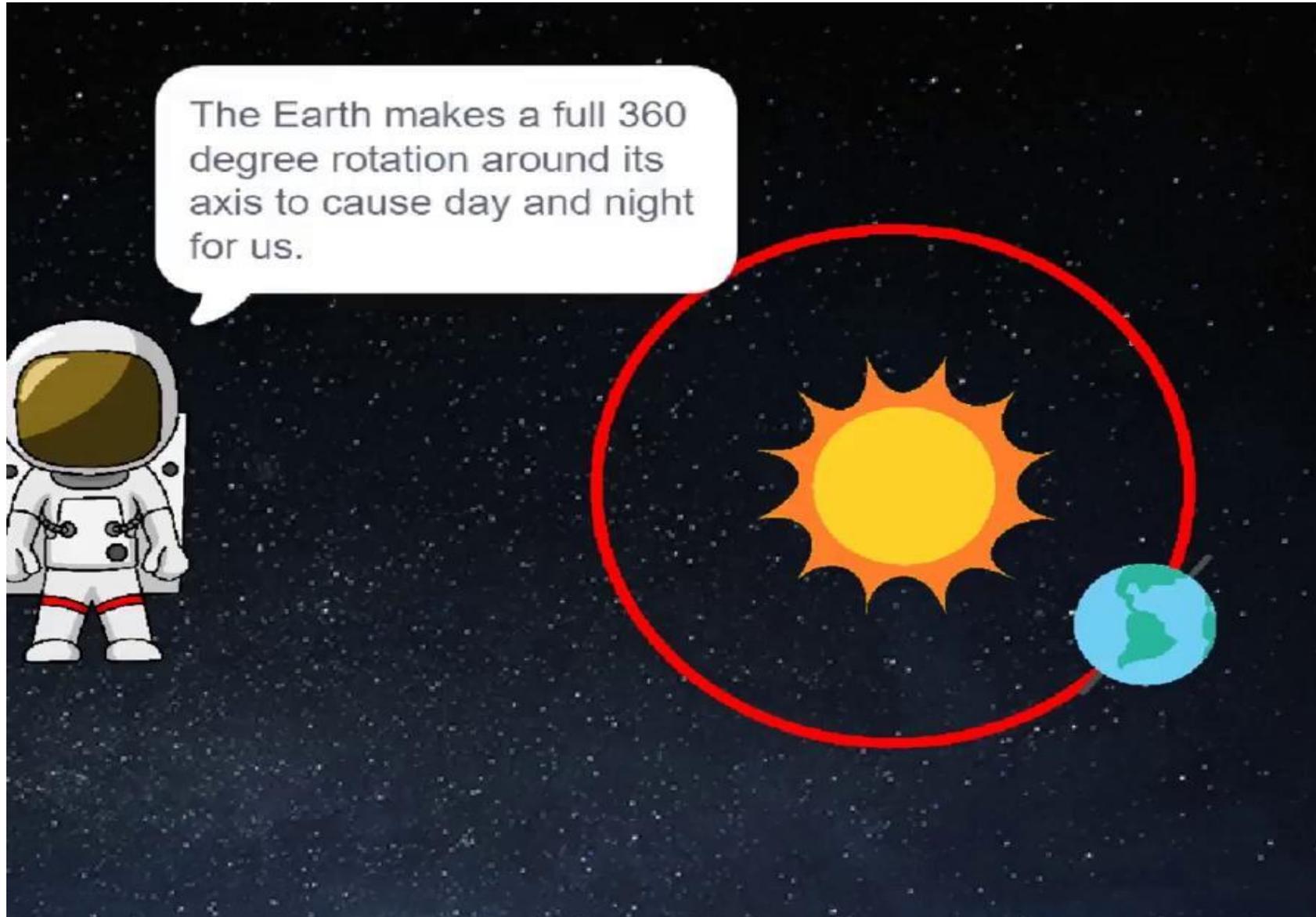
Toolbar and Tutorials

The toolbar on the top of the screen allows us to load/ save projects and undo/redo actions.

You can find tutorials about Scratch by clicking the "tutorials" button.



Lets check on a small



1. GO TO

www.aim.gov.in

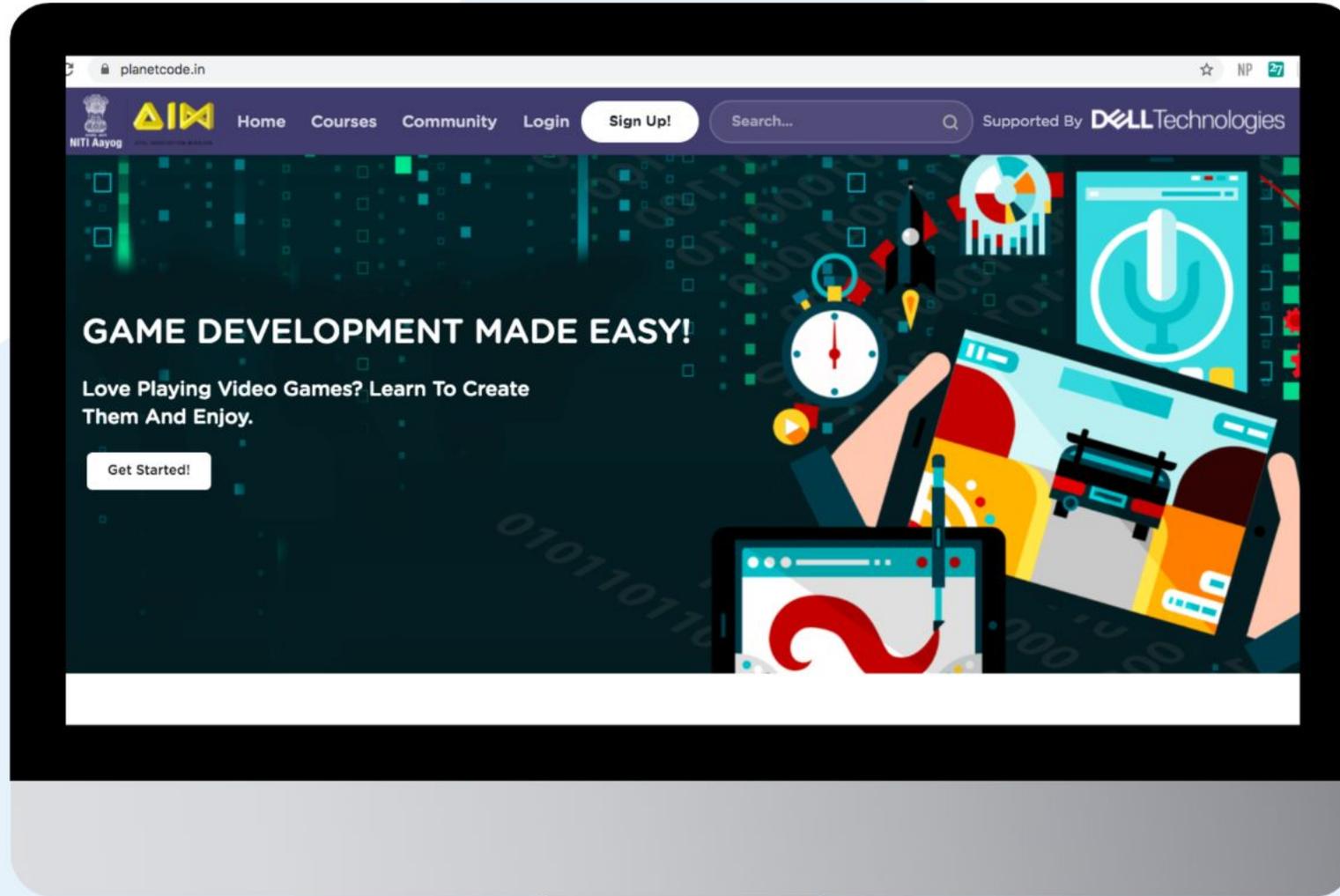


The screenshot displays the AIM (Atal Innovation Mission) website. At the top, there is a navigation bar with the AIM logo and the text 'ATAL INNOVATION MISSION'. To the right of the navigation bar are links for 'HOME', 'OVERVIEW', 'ATAL TINKERING LABS', 'MENTOR OF CHANGE', 'ATAL INCUBATION CENTER', 'ANIC', 'ATAL COMMUNITY INNOVATION CENTRE', and 'AIM-COVID 19'. Further right is the NITI Aayog logo and the text 'National Institution for Transforming India Government of India'. The main banner features the text 'AIM. TO INNOVATE.' in large, bold, teal letters. Below this, there is a blue section with a trophy icon and the text 'Applications Open For Mentor Of Change' and 'Mentor of Change' in yellow. A yellow button below this section says 'Apply & Earn This Title'. Below the blue section, there is a paragraph of text: 'A GOVERNMENT OF INDIA TASK FORCE IS ACTIVELY SCOUTING FOR INNOVATIVE PREVENTIVE, ASSISTIVE, CURATIVE DEPLOYABLE/SCALABLE SOLUTIONS WITHIN THE NEXT 1-3 AND 3-6 MONTHS TO BEAT THE COVID19 CRISIS IN INDIA.' Below this paragraph, there is a line of text: 'WE ENCOURAGE ALL STAKEHOLDERS TO CONTRIBUTE TOWARDS TACKLING THIS CRISIS BY ONE OR MORE OF THE FOLLOWING WAYS:'. At the bottom, there is a table with three columns:

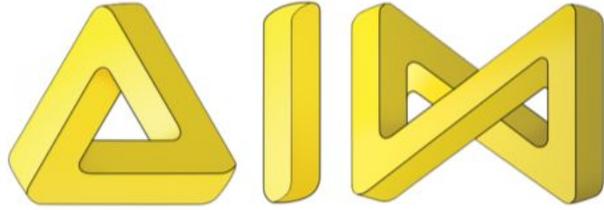
<i>SUBMIT</i> INNOVATIVE START-UP SOLUTIONS THAT DIRECTLY OR INDIRECTLY HELP FIGHT THE COVID 19 CRISIS	PLEASE ENTER DETAILS OF YOUR COVID 19 SOLUTION WITH HELP/ SUPPORT NEEDED FROM THE GOVERNMENT OR PRIVATE SECTOR TO DEPLOY AND SCALE YOUR INNOVATIVE SOLUTION	HTTPS://WWW.STARTUPINDIA.GOV.IN/CONTENT/SIH/EN/AMS-APPLICATION/CHALLENGE.HTML? APPLICATIONID=5E79126EE4BD568FAEA9EF66
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You can also access the portal directly by going to

www.planetcode.in



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ATAL INNOVATION MISSION



सत्यमेव जयते

NITI Aayog



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LEARNING LINKS

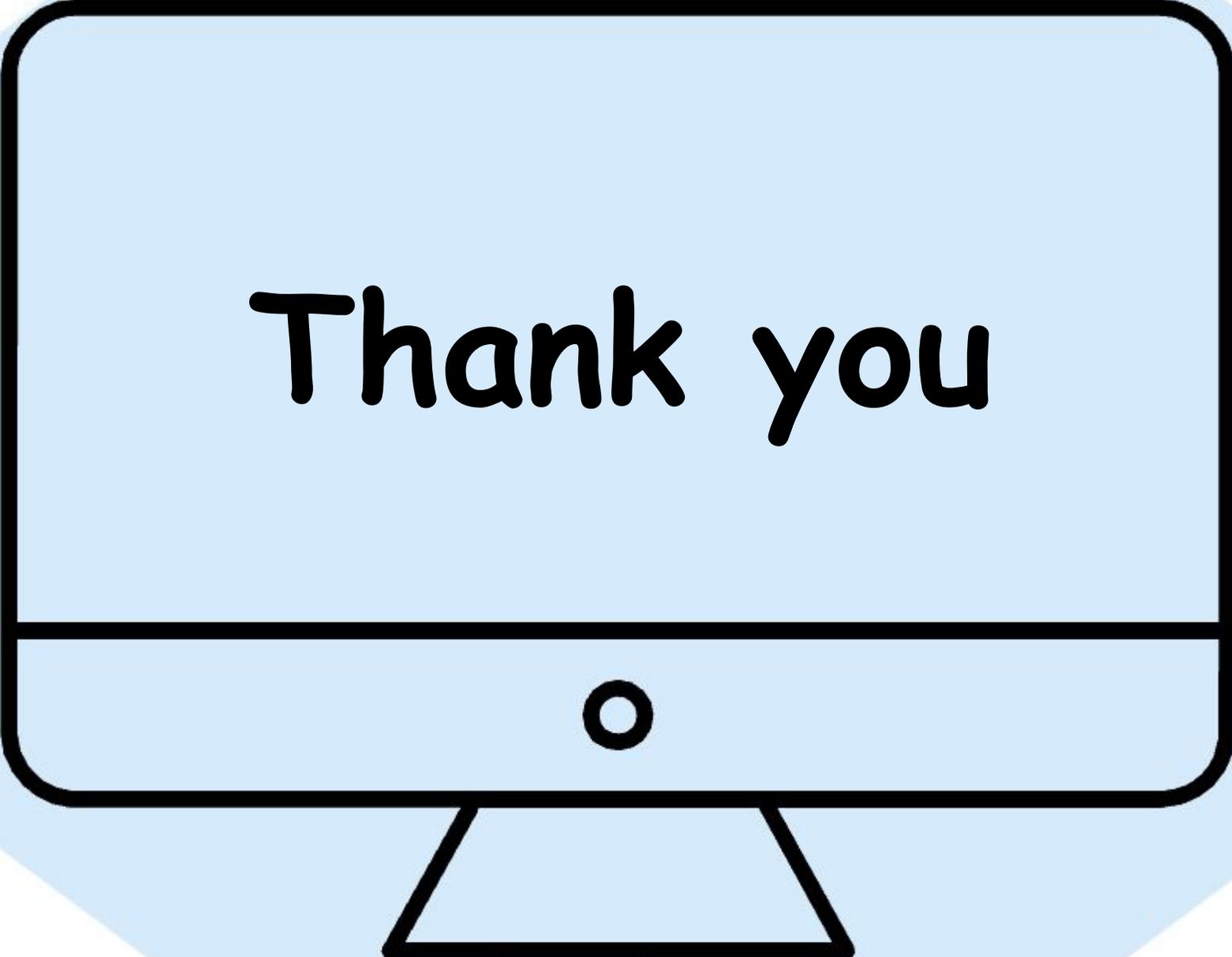
— FOUNDATION —

WHERE EDUCATION MEETS LEARNING



Questions



A stylized illustration of a computer monitor. The monitor has a black outline and a light blue screen. The screen displays the text "Thank you" in a black, handwritten-style font. The monitor is supported by a simple black stand. The entire monitor is centered within a larger, light blue, arrow-shaped background that points to the right.

Thank you