Process

You should...

- Add on to the template provided to create functionality to the cat sprite
- Adapt the code to make it your own

This is what your code should end up looking like!









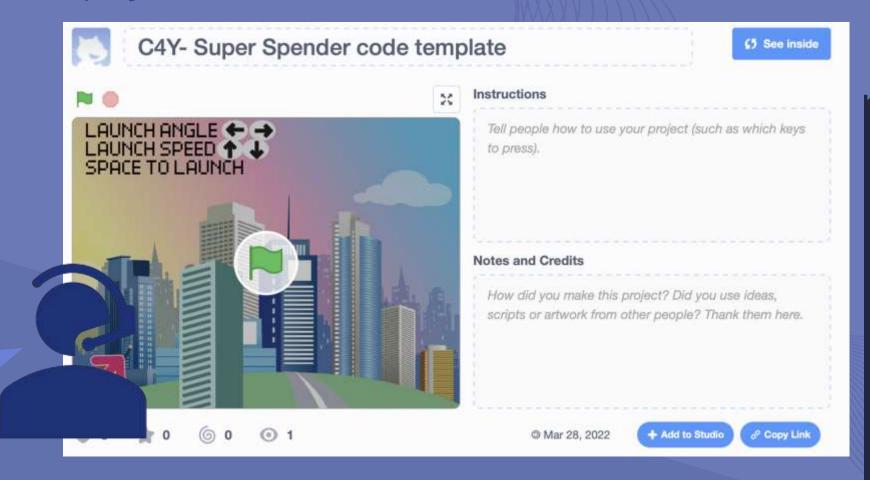
Template

https://scratch.mit.edu/projects/667002641

Click to get started with your project

By the end of the project, your code should look like this

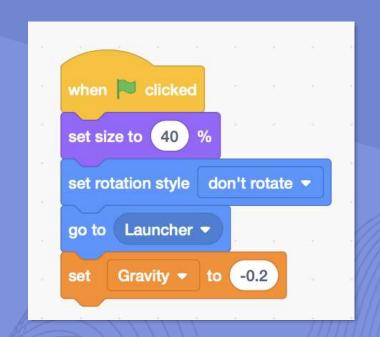
This template is the code needed to get you started with this project

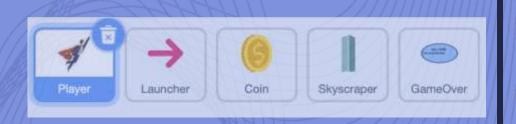




Resetting the player sprite

When the game starts, the size of the player should be set to 40%, should be straight up and the gravity (which will be explored later), is set to - 0.2

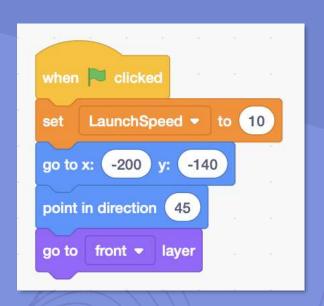


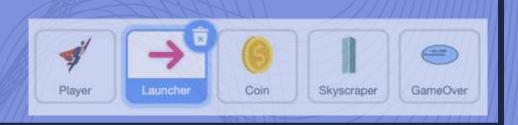




Default launch conditions

In the launcher sprite, we will program the launch speed variable to start at 10 and be located at the correct position on the page

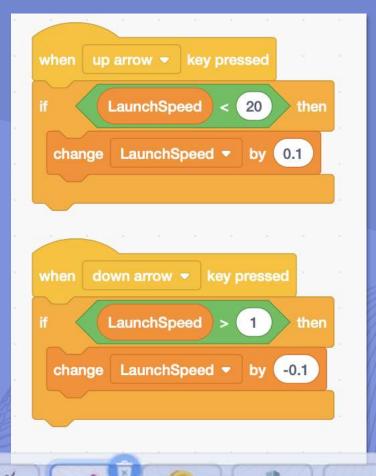






Changing the launch speed

The launch speed is changed by 0.1, depending on if the up or down arrow is clicked. The maximum speed is 20 and the minimum is 1 (remember that the default speed is 10)







Changing the launch direction

The left and the right arrows will be used to change the direction that the player will be launched in.

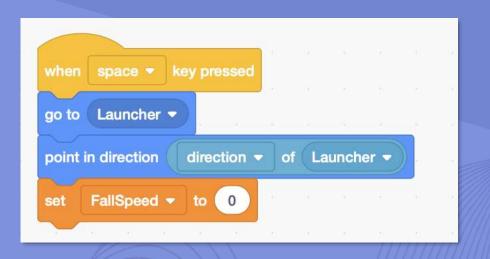


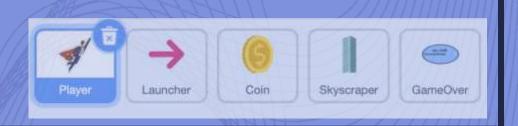




Launching the player

This code will be in the plater sprite. When the space is pressed, the code in the launcher sprite will be run. Depending on where the launcher arrow is facing and the speed selected by the user, depends on the direction and speed at which the player is launched with. The fall speed is also set to 0 which will reduce the speed at which the player will fall after reaching the peak launch position.







Repeating the launch

Until the player is screen, or the sl move at the spe direct

The fall speed will the "gravity" varia This will just mea

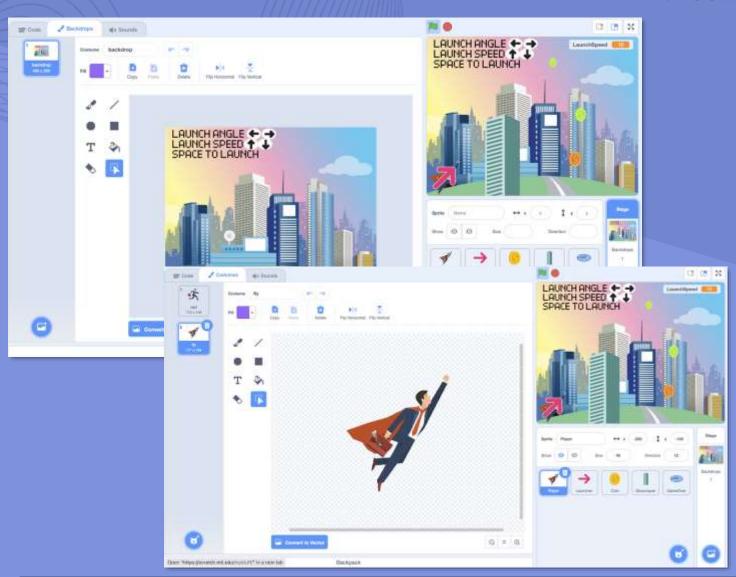




Adapt the game

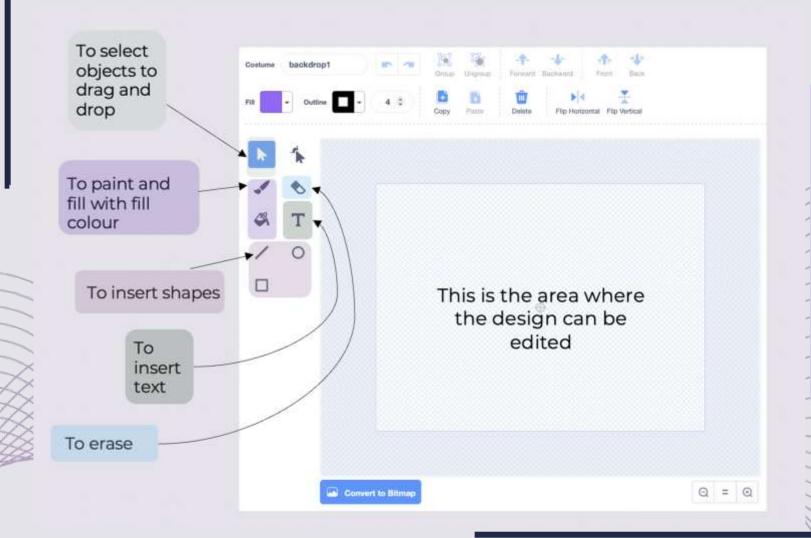
Using the backdrops and costumes sections, your job is to change the appearance of the backgrounds to make an original game

This should be done without affecting the functionality of the game, and without compromising the user's ability to play. Once finished make sure you test the game to ensure that it works properly.





Designing a background in Scratch



This icon allows you to import your own background or pictures that you want to use on your background, after saving them to your computer

