Scratch Project overview:

Mouse attack

Im creating a game on <https://scratch.mit.edu/> . the Basis is a space invaders style/clone, where the objective is to reach a score limit of 25 to win. By controlling the cat by using the arrow keypad (left,right) and shooting a projectile to eliminate the mouses (holding spacebar).

How it will be made:

* First to create or import a sprite from the stock example provided by the website.
* When the first sprite is created the next thing to do is give it the movement of left or right, by changing the x axis when the left or right keys are pressed
* Now that the sprite is created I will need to create a projectile for the player to see and use to remove the mouses. I will first create a sprite for the projectile, second I will implement code using the scratch blocks to move vertically from sprite one (player character). When the second sprite (projectile) touches the mouse, it will need to hide the mouse sprite and input a number for a scoreboard.
* Creating the enemy sprite I will once again import an image from scratch to use. I will need to make the sprite move down towards the player sprite by using the y axis. I will need to select a speed for it, once created if the sprite hits the player sprite it will need to signal a game over and disappear.
* Creating multiple enemies I duplicated the first sprite and changed properties like size or direction to create a difficulty as the player progresses. These newer enemies will have to appear at certain times throughout the game so it doesn’t assault the player all at once.
* Creating different backdrops: I will create a game start back drop and implement a button to press for the game to begin and for when the sprites should appear. The first backdrop will be different from the main game backdrop, aswell as the game over backdrop.

Sources:

These youtube links by NorthTynesideCLCs helped a lot of creating my game.

<https://www.youtube.com/watch?v=oiCgYgibqAM>

<https://www.youtube.com/watch?v=pj3yUEpqUus>

<https://www.youtube.com/watch?v=9s58mqxtIyk>