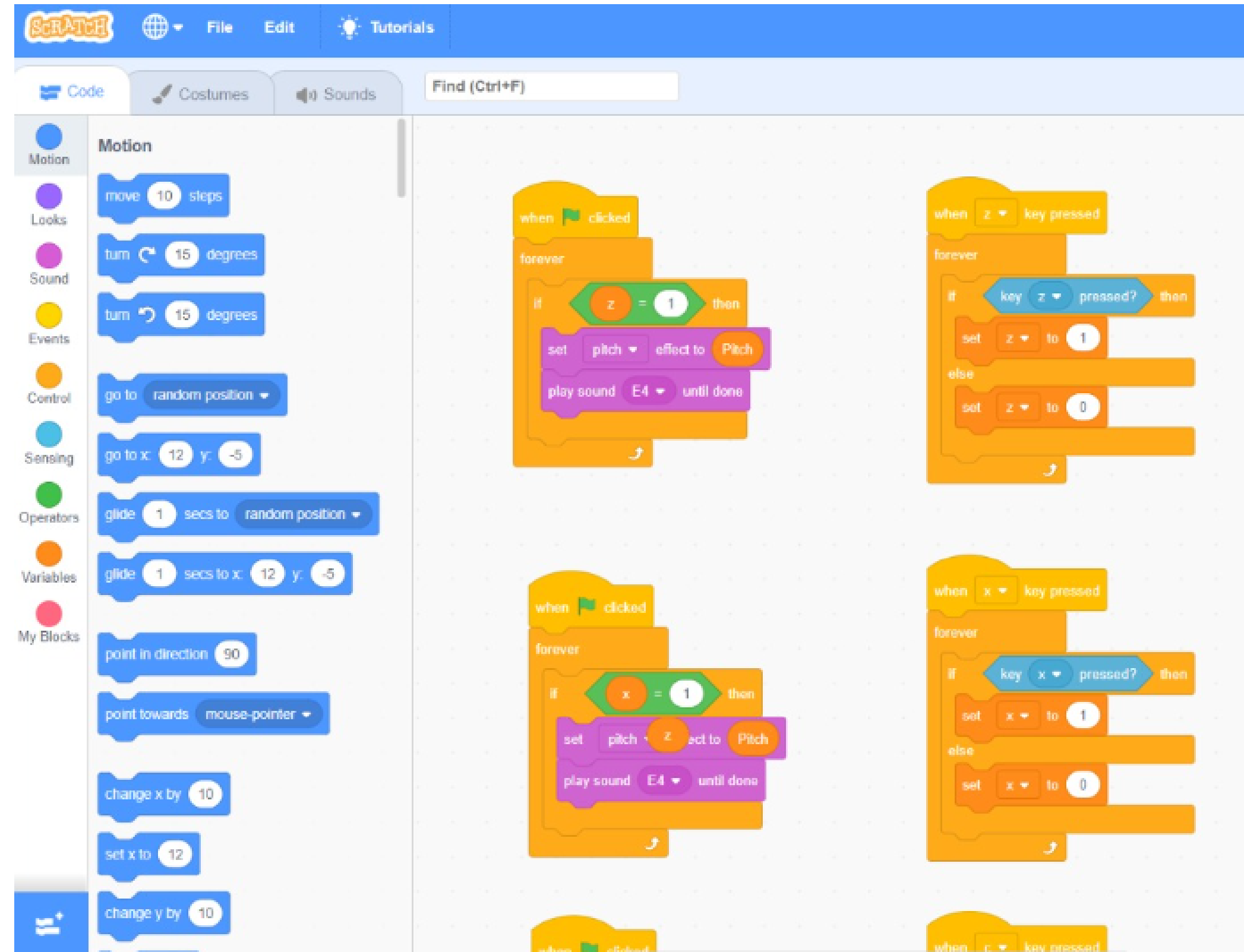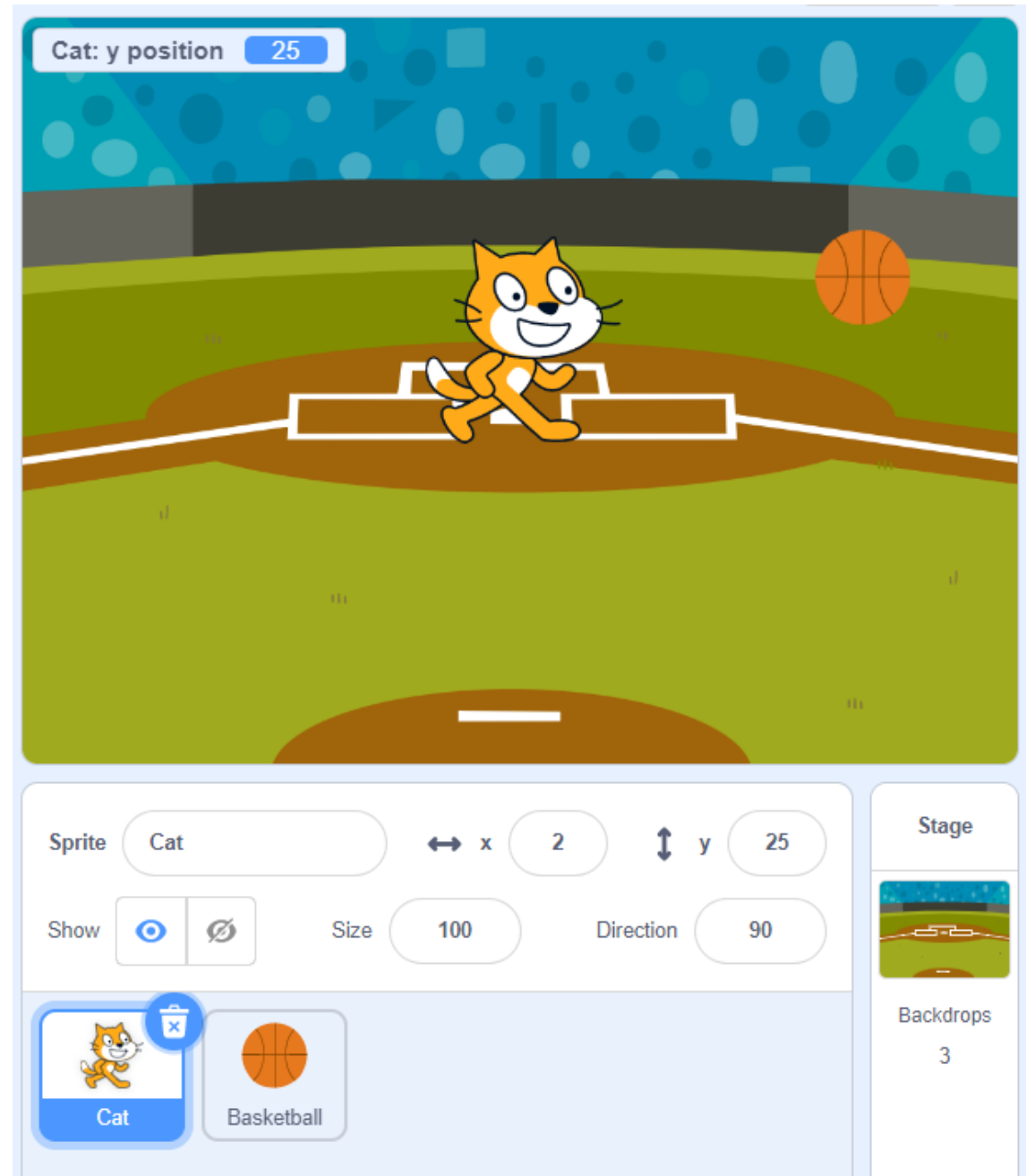# SCRATCH

DSL – 124 DESIGN WITH
CONTEMPORARY TECHNOLGIES

ABOUT THE GAME

In this delightful game, players take control of a charming cat as it frolics through a whimsical world, chasing after a bouncing basketball that moves unpredictably on its own. With only a minute on the clock, players must use their wits and reflexes to catch the ball as many times as they can, earning points and bonuses along the way. With vibrant colors, playful animations, and lively sound effects, this game is sure to captivate and enchant players of all ages. So come join the fun and see how many times you can catch the bouncing ball before time runs out!
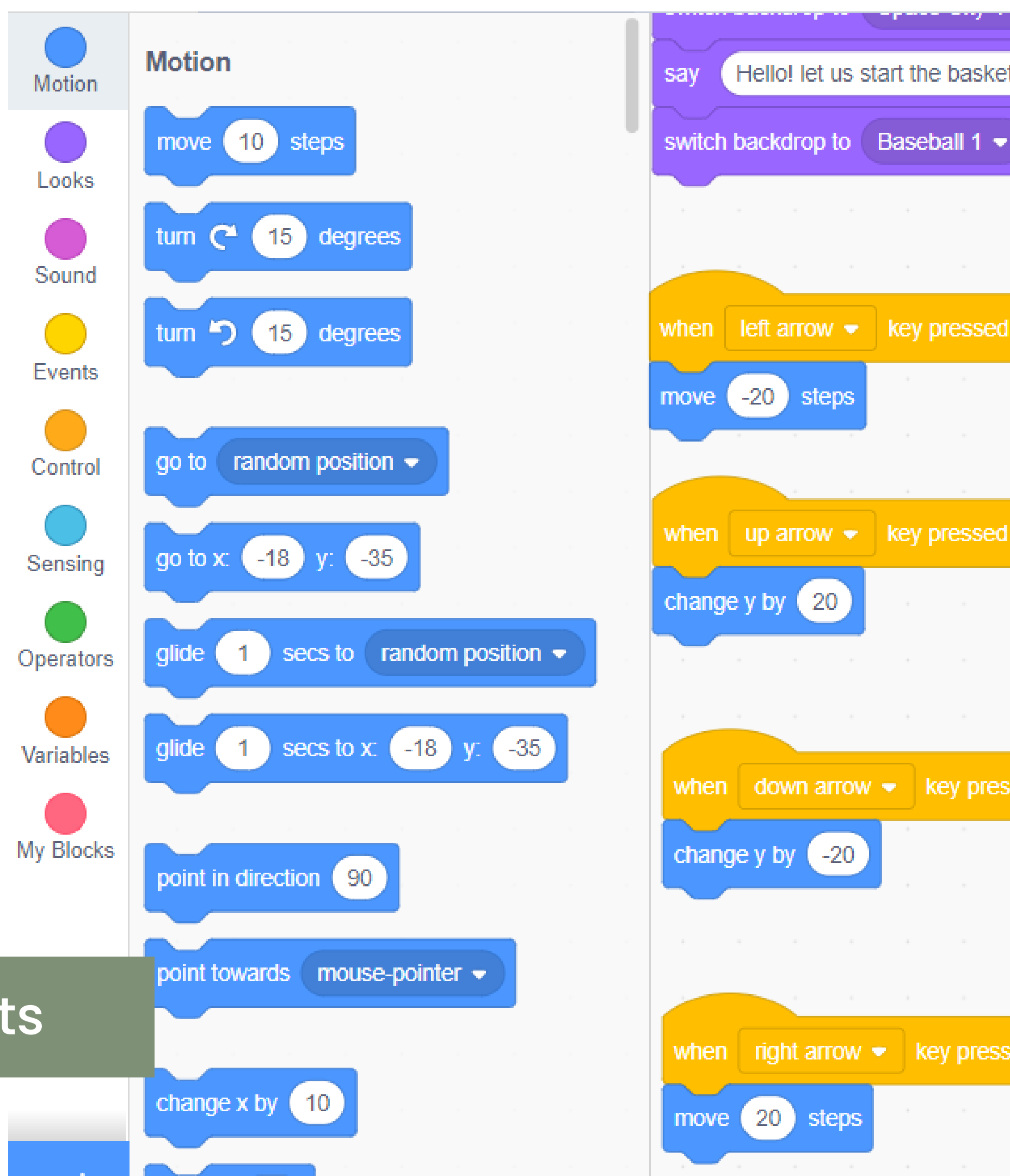
MY AIM AND LEARNINGS

Through creating a game using Scratch, my aim was to improve my programming skills and develop an interactive game that is fun and engaging. I wanted to enhance my problem-solving abilities by programming the movements and behaviors of the characters and objects, as well as designing an enjoyable and visually appealing game. Overall, this exercise allowed me to develop my creativity and technical skills while exploring new ways of expressing my ideas through programming.

Credits

Motion

Motion
Looks
Sound
Events
Control
Sensing
Operators
Variables
My Blocks

move 10 steps

turn 15 degrees

turn 15 degrees

go to random position

go to x: -18 y: -35

glide 1 secs to random position

glide 1 secs to x: -18 y: -35

point in direction 90

point towards mouse-pointer

change x by 10

say Hello! let us start the basket

switch backdrop to Baseball 1

when left arrow key pressed

move -20 steps

when up arrow key pressed

change y by 20

when down arrow key pres

change y by -20

when right arrow key press

move 20 steps

PROBLEMS FACED

- Designing an engaging game that is both fun and challenging
- Troubleshooting any technical issues that arise during the development process
- Balancing different game elements (e.g. difficulty, scoring system) to create a game that is enjoyable for players

CAT CATCH CRAZE

Game

Cat Programming

Ball Programming
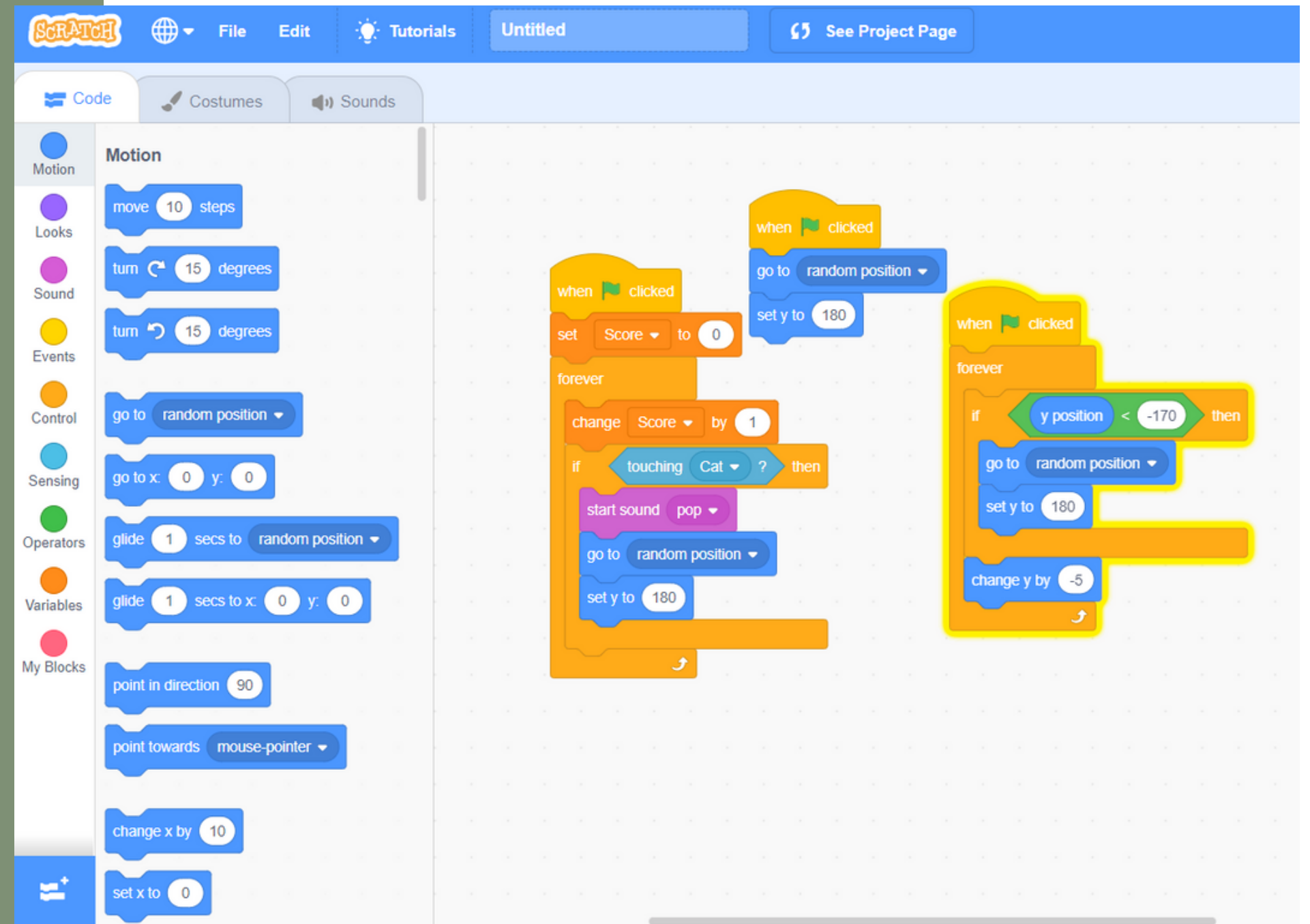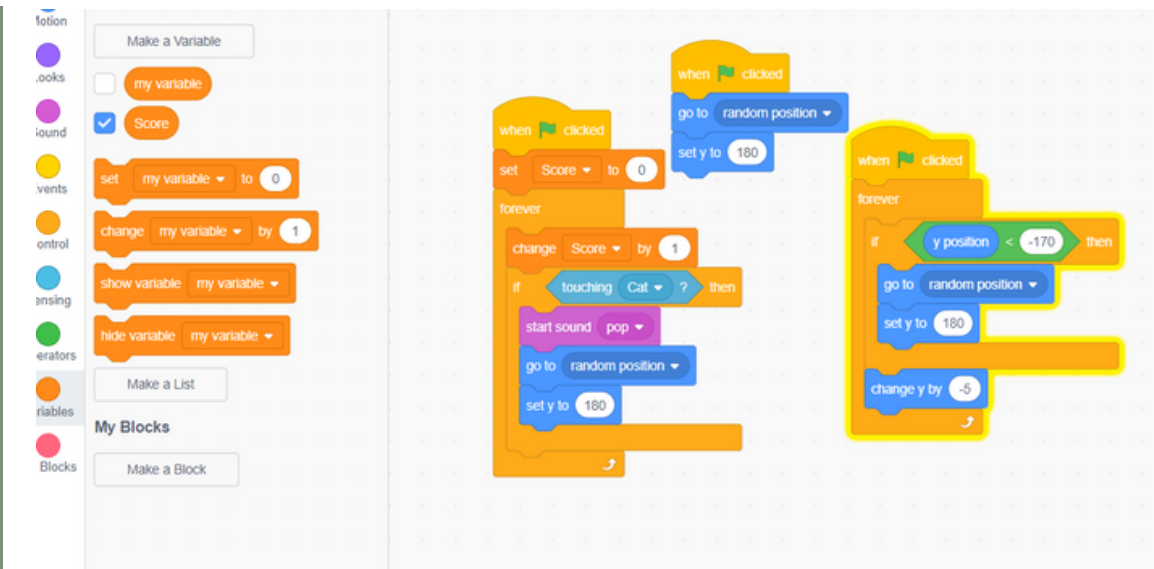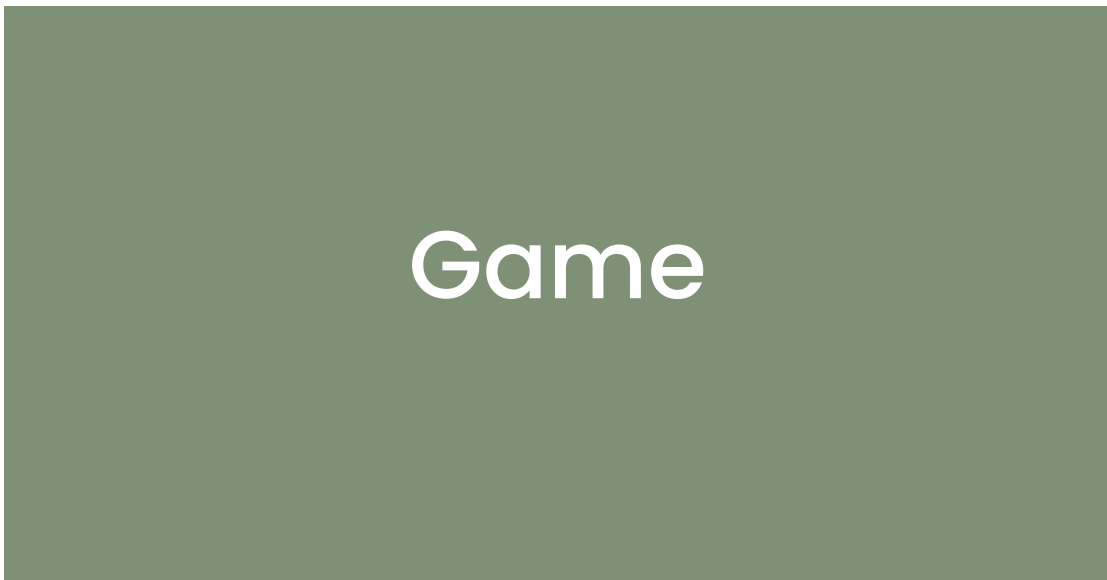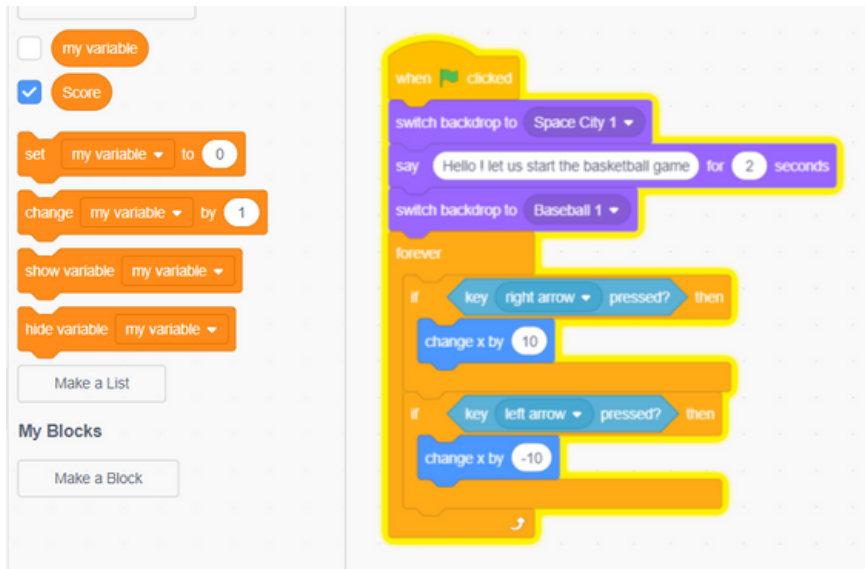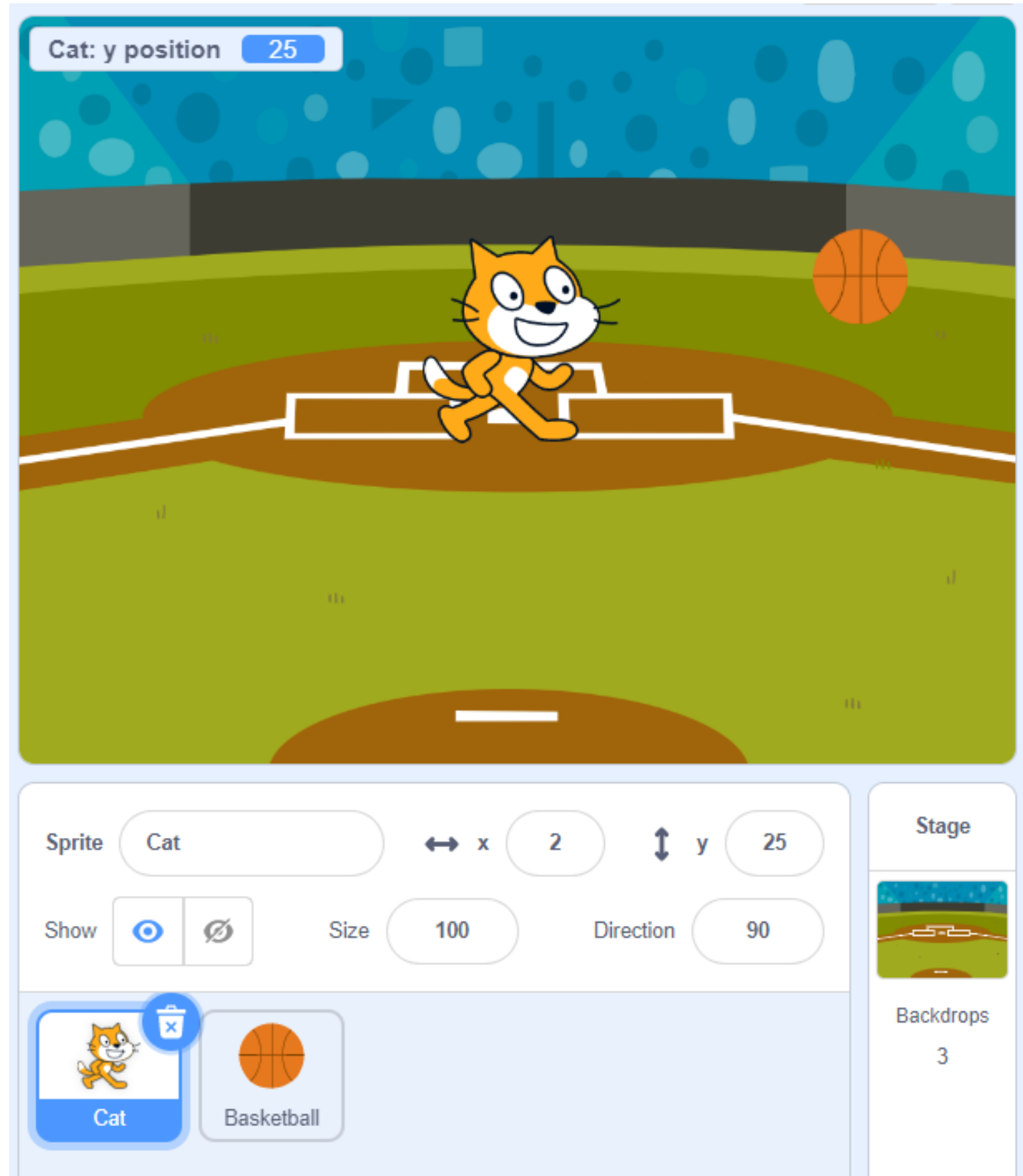
THANK YOU

Daksh Kumbhat

Bdes 1st Year

2022DD14769

Department of Design