Scratch Project Portfolio

Chick Jump Game

Project Overview

This project is a simple game developed using the Scratch programming platform. The main character (Chick) jumps to collect eggs and earn points. The game helps in learning basic programming concepts such as events, loops, conditions, and variables.

Objectives

1. To create a simple interactive game using Scratch.
2. To understand animation and movement blocks.
3. To use variables for scoring.
4. To improve logical thinking skills.
5. To learn basic game design concepts.

Game Description

In the Chick Jump Game, the chick sprite jumps when the space key is pressed. Egg sprites move from one side of the screen to the other. When the chick touches an egg, the score increases. The player tries to collect as many eggs as possible.

Game Controls

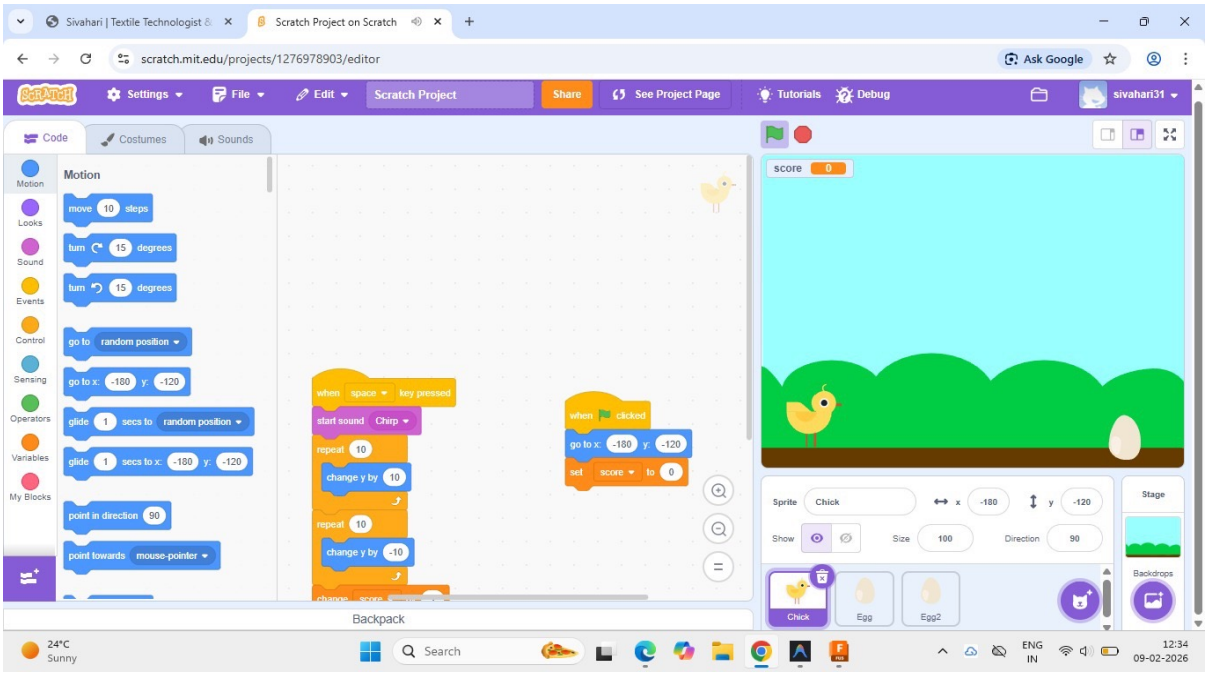
Space Key: Makes the chick jump.
Green Flag: Starts the game.
Red Button: Stops the game.

Programming Concepts Used

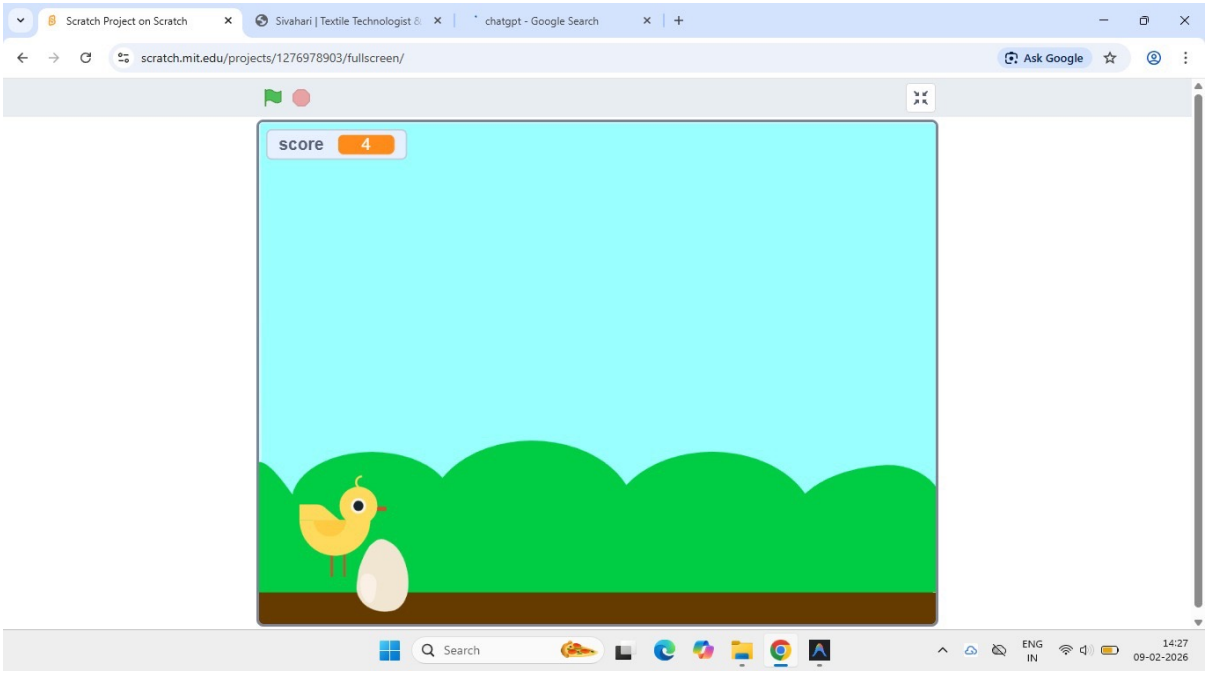
- Events: when green flag clicked, when space key pressed.
- Loops: repeat and forever blocks.
- Variables: score variable to store points.
- Motion: glide and change y blocks for movement.
- Sensing: touching block for collision detection.

Project Screenshots

Screenshot 1



Screenshot 2



Screenshot 3

Scratch Project on Scratch
Sivahari | Textile Technologist &
chatgpt - Google Search
scratch.mit.edu/projects/1276978903/editor/
Settings
File
Edit
Scratch Project
Share
See Project Page
Tutorials
Debug
Save Now
sivahari31
Code
Costumes
Sounds
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: -153 y: -145
glide 1 secs to random position
glide 1 secs to x: -153 y: -145
point in direction 90
point towards mouse-pointer
when clicked
wait until touching Chick ?
stop all
when clicked
hide
wait 1 seconds
show
forever
go to x: 235 y: -145
glide 3 secs to x: -235 y: -145
Backpack
score 4
Sprite Egg
x -153
y -145
Show
Size 100
Direction 90
Stage
Backdrops
Chick
Egg
Egg2
Search
ENG
IN
14:28
09-02-2026

Conclusion

This Scratch project helped me understand the basics of game development and programming logic. By creating this game, I improved my creativity, problem-solving skills, and technical knowledge. This project is an important step in building my programming portfolio.

Developed By

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