

For Grade - 3<sup>rd</sup>



Presented by Alimtehaan



# Learn From The Best!!



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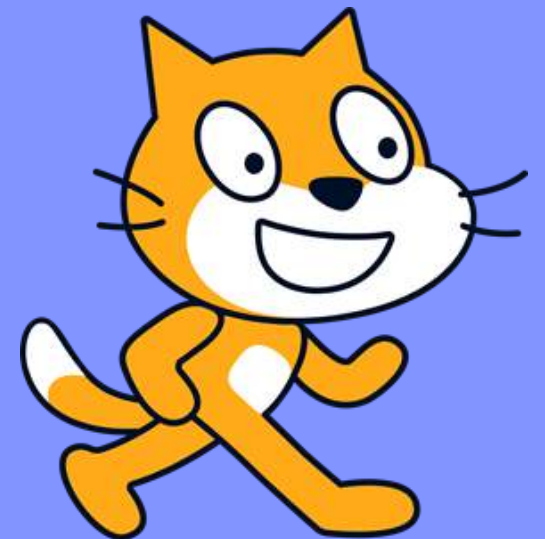
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# Course Outline

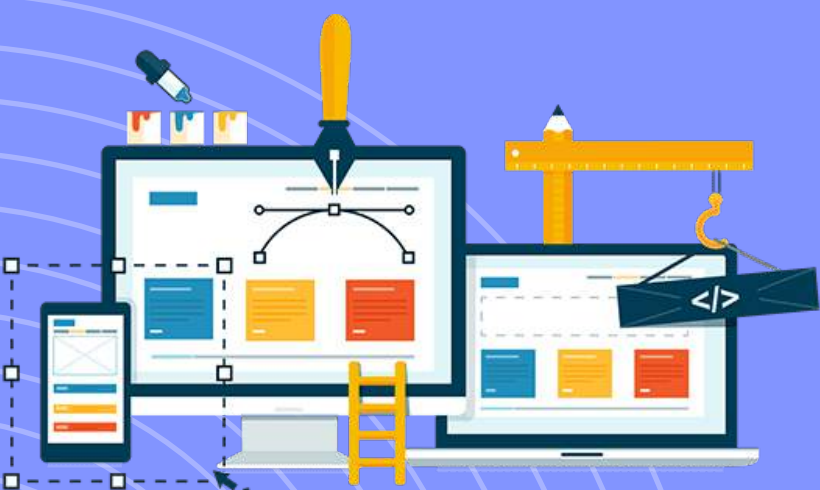
## Advanced Block Coding

- Introduction to Block Coding Concepts
- Reviewing Block Coding Concepts
- Understanding Advanced Blocks and Block Categories in Scratch
- Creating More Complex Scratch Projects



## Web Development

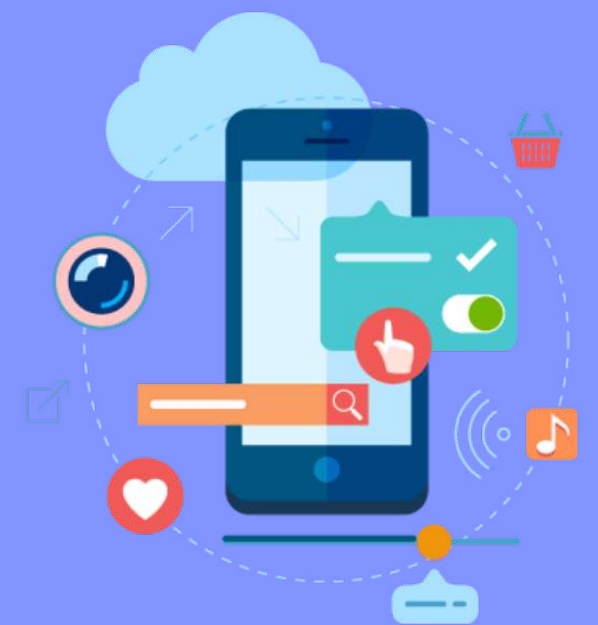
- Introduction to Web Development
- Understanding Web Design Concepts
- Creating Basic Web Pages Using Block Coding
- Adding Interactivity to Web Pages Using Block Coding



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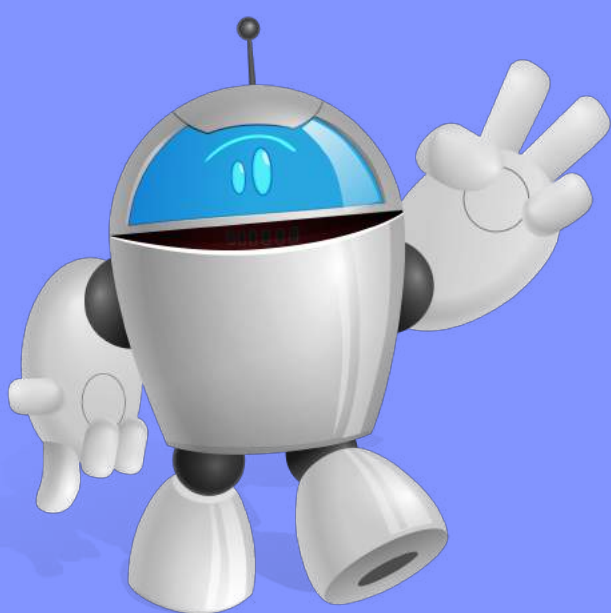
## App Development

- Introduction to App Development Concepts
- Understanding App Design and User Interfaces
- Creating Simple Apps Using Block Coding
- Testing and Debugging Apps



## Robotics and Automation

- Understanding Programming Concepts such as Variables and Data Types
- Creating More Complex Programs for Robots
- Creating Programs that can Solve Real-World Problems
- Understanding and Applying Concepts such as Algorithms and Loops



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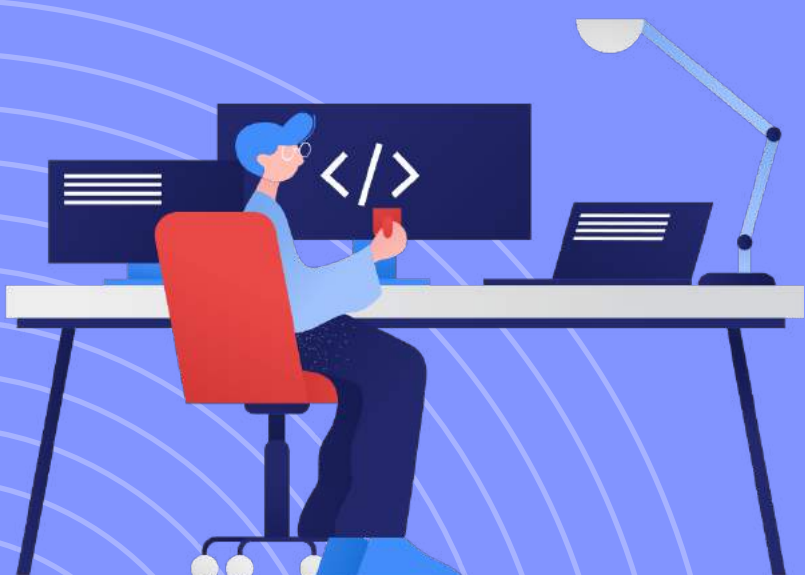
## Game Development

- Introduction to Game engines
- Minecraft Mod Creation
- Make simple games in game engines
- Interactive Games and Simulations



## Python Programming

- Introduction to Python Programming
- Understanding Basic Syntax and Operators in Python
- Using Python to Solve Simple Problems
- Understanding Arrays and Lists in Python



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App  
Development

Web  
Development



# Learning Outcomes



Game  
Engines



Robotics

## Key Points

Create beautiful webpages



Make a simple mobile app

Get introduced to microbits



What are game engines