



AMA COMPUTER ACADEMY SCRATCH PROGRAMMING



For More Detail Contact

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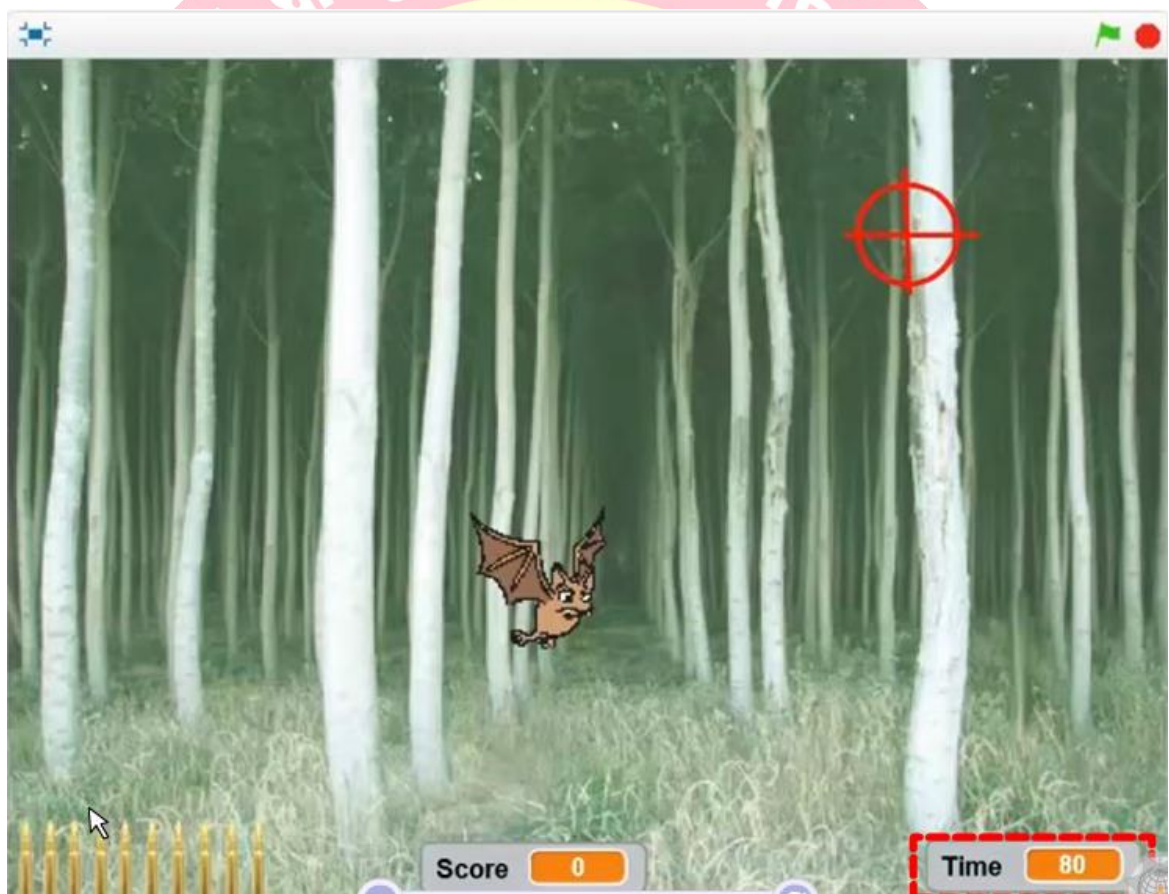
SCRATCH Programming (Certificate in SCRATCH Programming)

SCRATCH

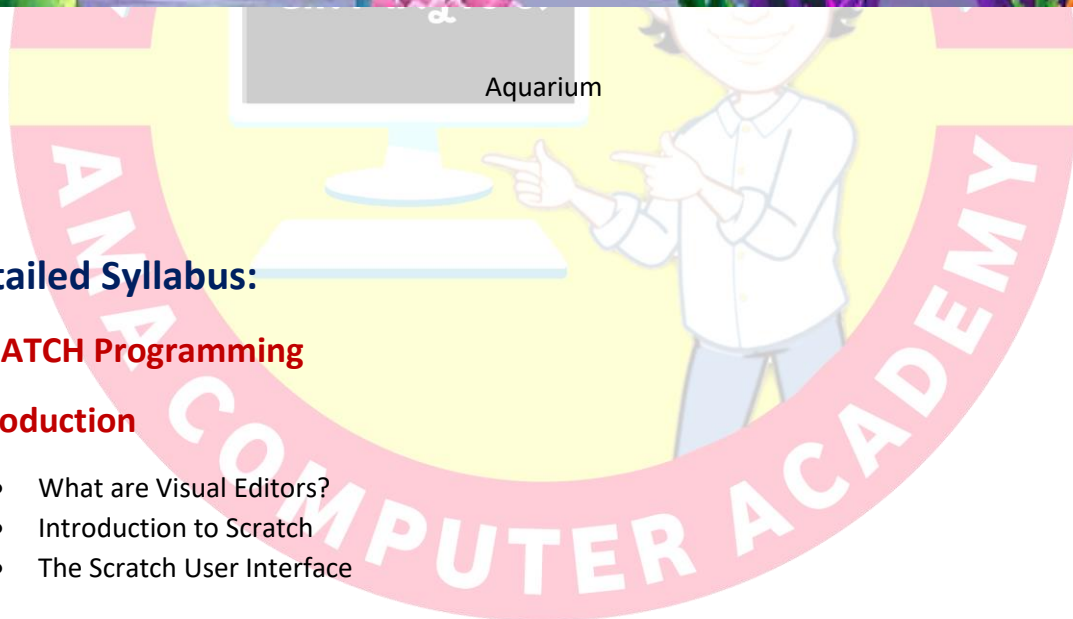
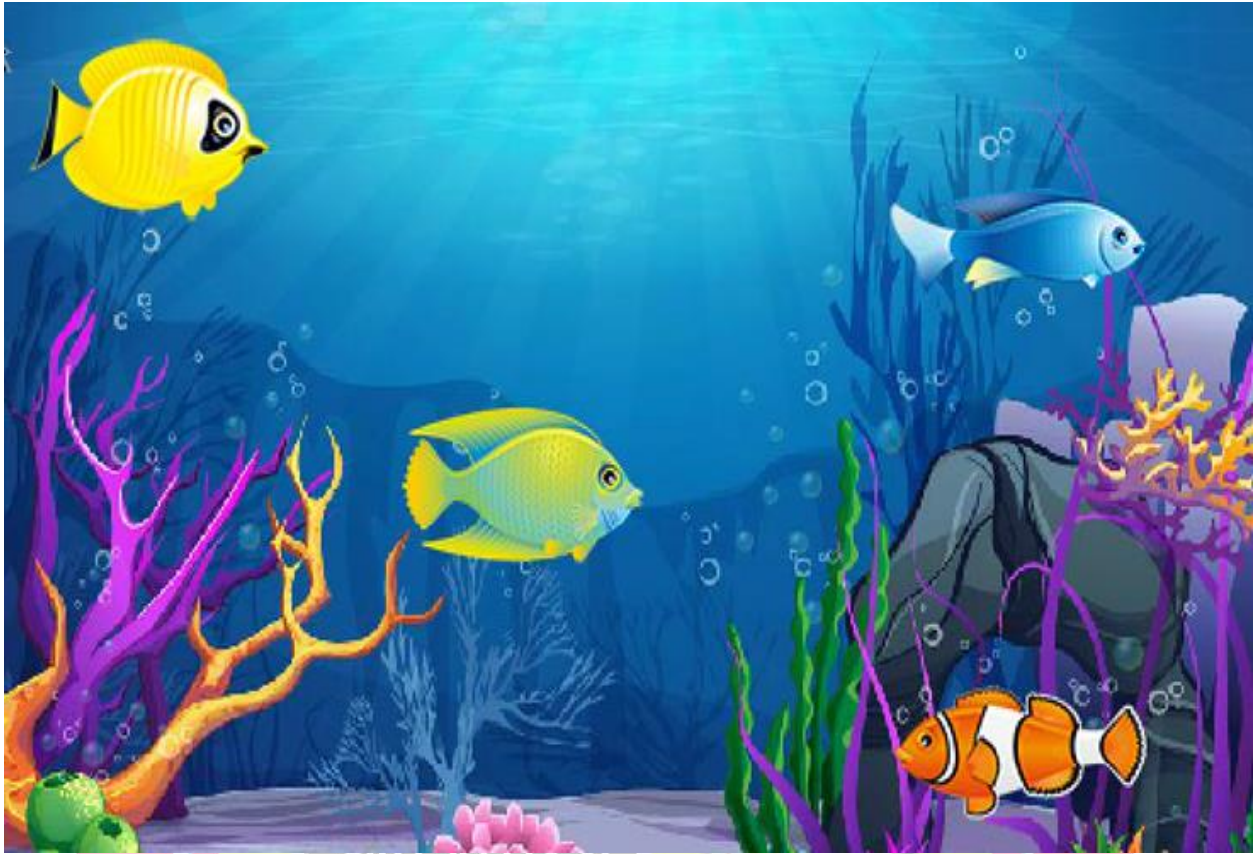
Skills: Animations, Stories, Games, Diving Deeper

SCRATCH

Outputs: Shooting Game, Aquarium, Dancing Queen, Greeting Card, Whirling Crab



Shooting Game



Detailed Syllabus:

SCRATCH Programming

Introduction

- What are Visual Editors?
- Introduction to Scratch
- The Scratch User Interface

Let's Start Scratching

- Dancing is also a Program!
- Step-by-Step
- Some Steps Further
- Case Study - Aquarium
- Planning a Project
- Creating an Interactive Project
- Case Study - Greeting card

Animations

- Performing Scripts
- Build a Band
- Pink Circle, Blue Square
- Animation Projects
- Case Study - Colorful Parrot

Stories

- Characters
- Conversations and Scenes
- Case Study - Dancing Queen
- Creature Creation
- Case Study – Dialogue

Games

- Starter Games
- Scores and timing
- Case Study - Creating Your Own Sprite
- Case Study - Whirling Crab

Diving Deeper

- Cloning
- Video Sensing
- Case Study – Emotions
- Case Study - Electrical Circuit

Scratch Online

- Setting up a Scratch Account
- Creating an Online Project
- Exploring Online Projects
- Scratch Studios



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