



# Scratch Programming

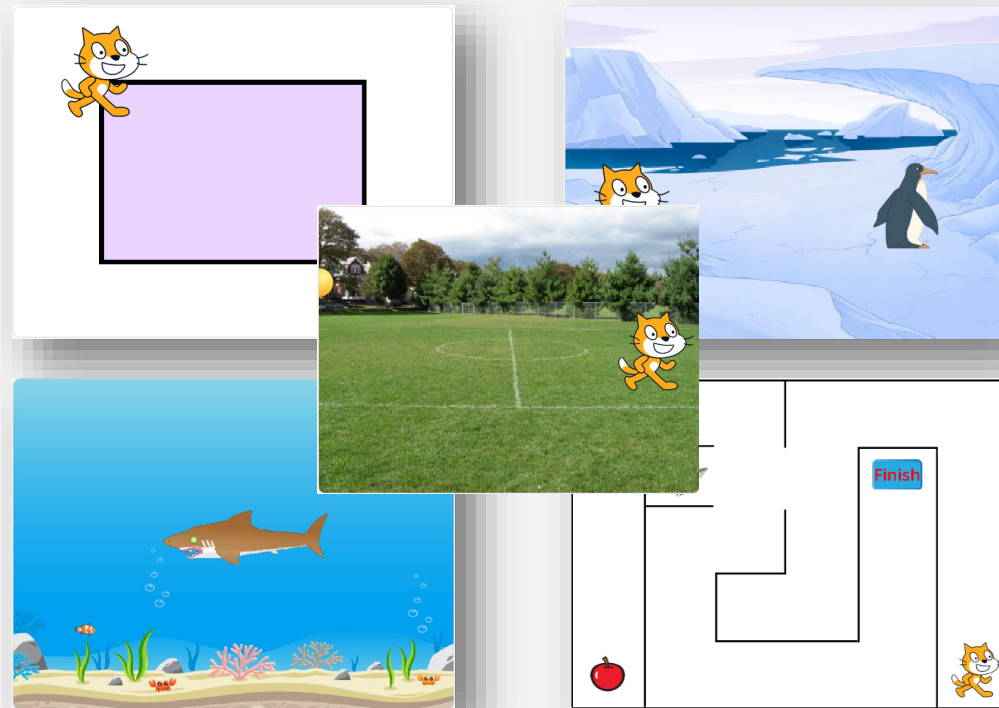
## Assessment II

### Under the Sea

Presented by Advaspire Team



# Assessment II - Explained



**You will be given 5 missions (Split to 3 parts) to complete level 1 (Each part takes 1 hour to complete).**

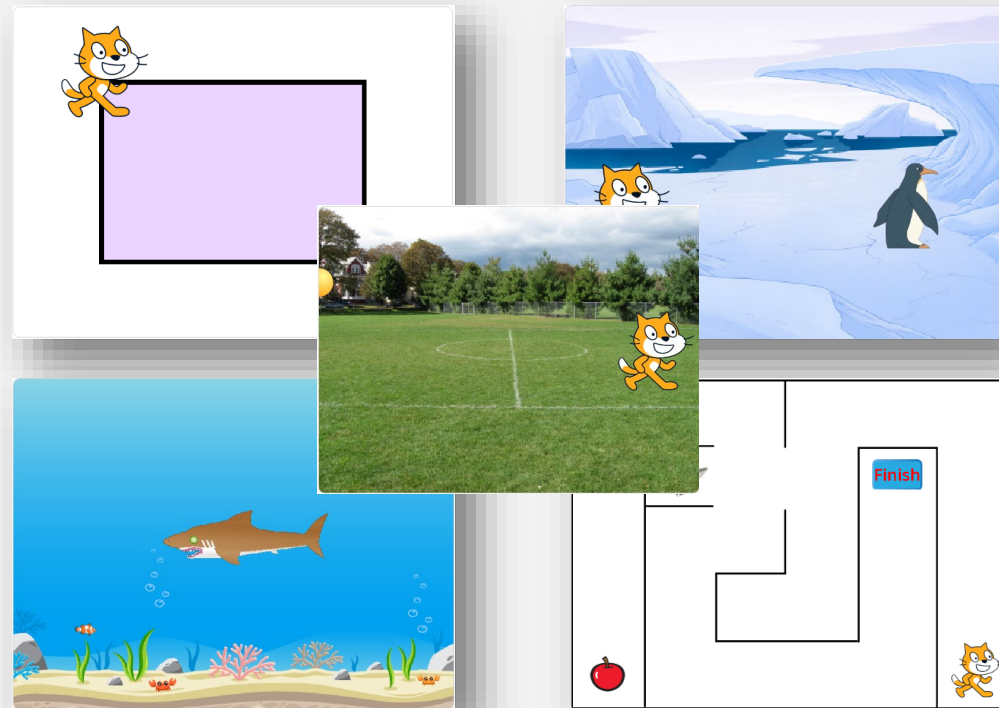
**The Sprites and Backdrops are already included or can be easily download from Scratch.**

**The total scores of each mission:**  
**L1-Q3: Under the Sea (100 points)**

**You are required to score at least 70 points to pass the assessment.**



## Assessment II – Time Allocation (60 minutes)



Below is the recommendation for you to allocate your time properly for each mission:

**Assessment Briefing (5 minutes)**



**Assessment I:**

**L1-Q3: Under the Sea (55 minutes)**

**You only have 1 hour (60 minutes: Briefing = 5 minutes, L1-Q3 = 55 minutes) to complete your mission.**



# Assessment II – Submit Mission



## L1Q1 - MISSION

Move your cat along the rectangle shape with 3 rounds.

Scratch Link:  
<https://scratch.mit.edu/projects/422065505/>

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Program your game with the requirement given.

Please click on the link for different mission and click “Remix” and change the project name to “**Mission code** – **Your Name**”, example:

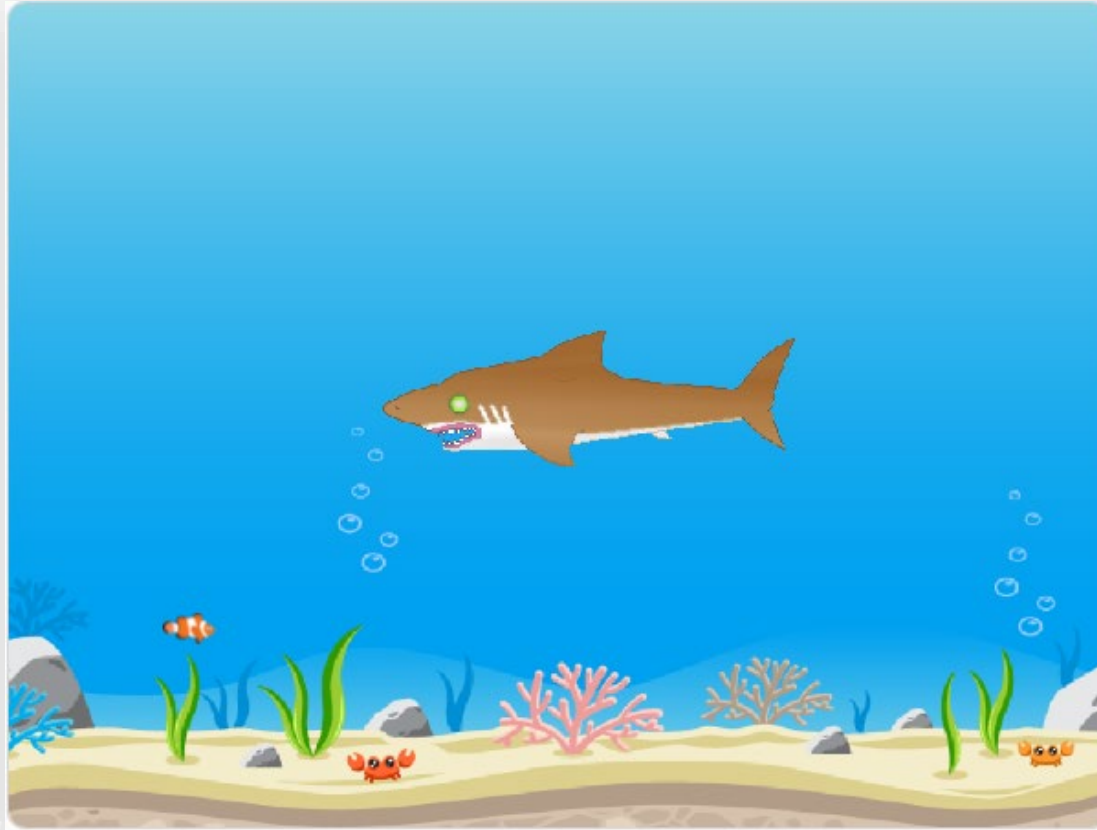
**L1Q1 – Aljay**

Save your project once done, and share the project link to me through slack.



# ASSESSMENT *for*

## ***LEVEL 1 – Part 2***



## L1Q3 - MISSION

**Program your own game:**

1. Set control to your Shark (player can control shark's movement with up-down-left-right)
2. Facing control for shark (when press left, shark will face left, when press right, shark will face right)
3. Do a bite function for the shark (<space> pressed)
4. Create 4 types of fishes with total of 15-25 (randomly)
5. Shark's size = 60%; fish size = 20%
6. The fishes will move randomly when spawn.
7. Fish will disappear when shark bite
8. Fish won't go off the stage (bounce on edge)

**Scratch Link:**

<https://scratch.mit.edu/projects/422068229/>



You can direct message your teacher and ask your question through [Slack Robotene Community](#) or arrange a [One-to-One Consultation](#) with your teacher.



# Any Questions?



Thank you :)