



Scratch Programming

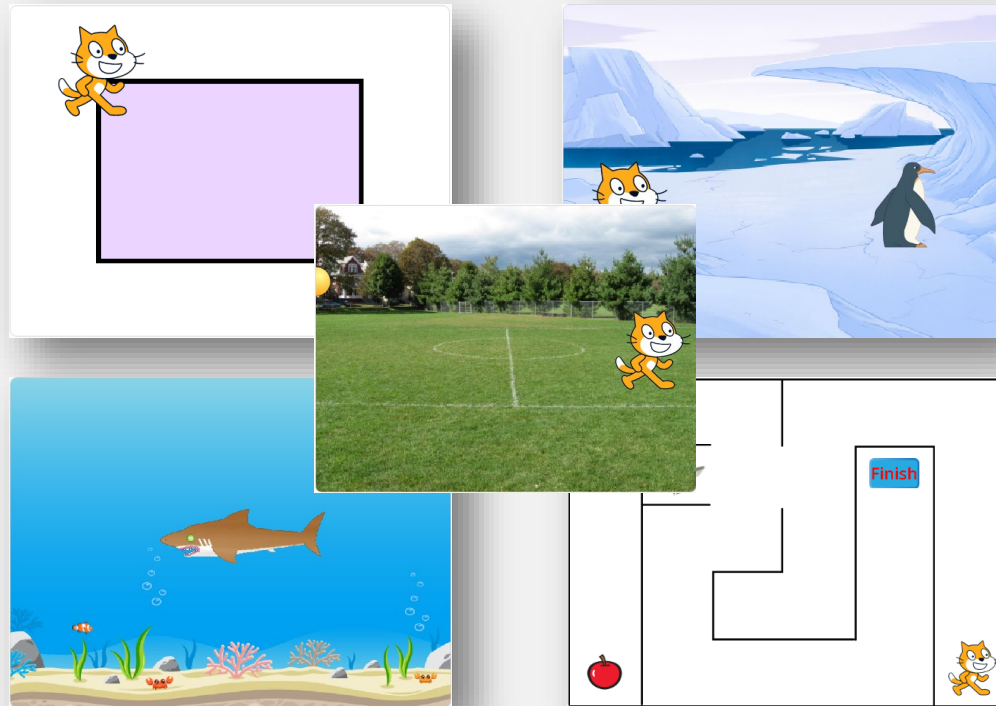
Assessment L1.12A

Under the Sea

Presented by Advaspire Team



Assessment L1.12A - Explained



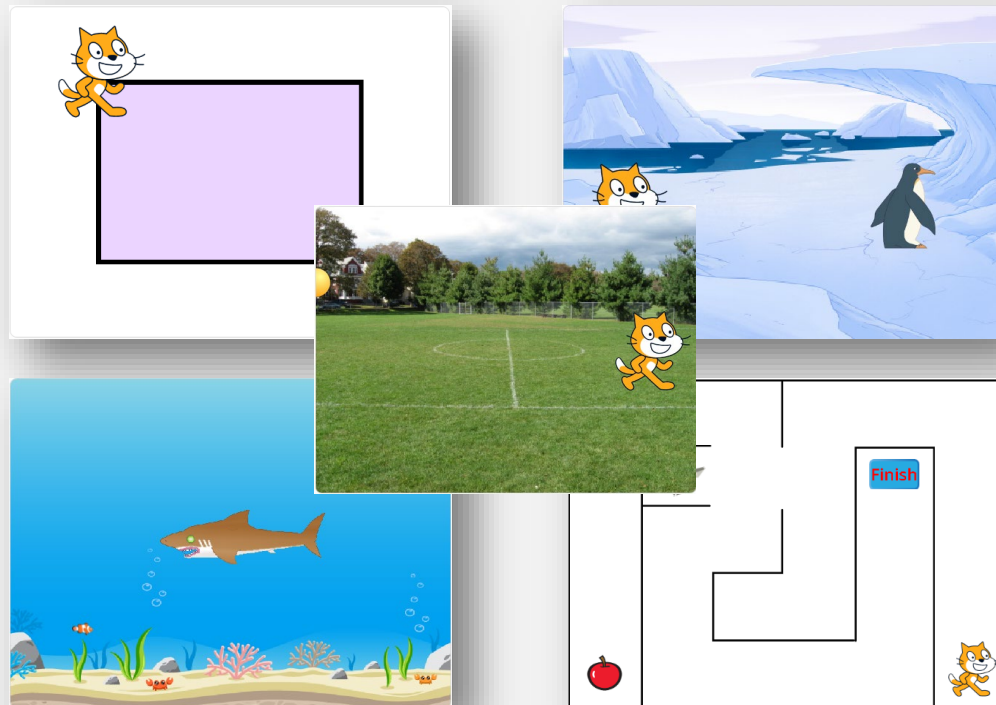
This is the Assessment L1.12A
The Sprites and Backdrops are already included or can be easily download from Scratch.

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

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



Assessment L1.12A – Time Allocation (60 minutes)



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



Assessment Briefing (5 minutes)

Assessment L1.12A:
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 L1.12A – Submit Mission



L1Q1 - MISSION

Move your cat along the rectangle shape with 3 rounds.

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

Everyone Can Be Robotic Master. Copyright © 2020 Advaspire Sdn.Bhd.All rights reserved. ASSESSMENT - LEVEL 1 6

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:

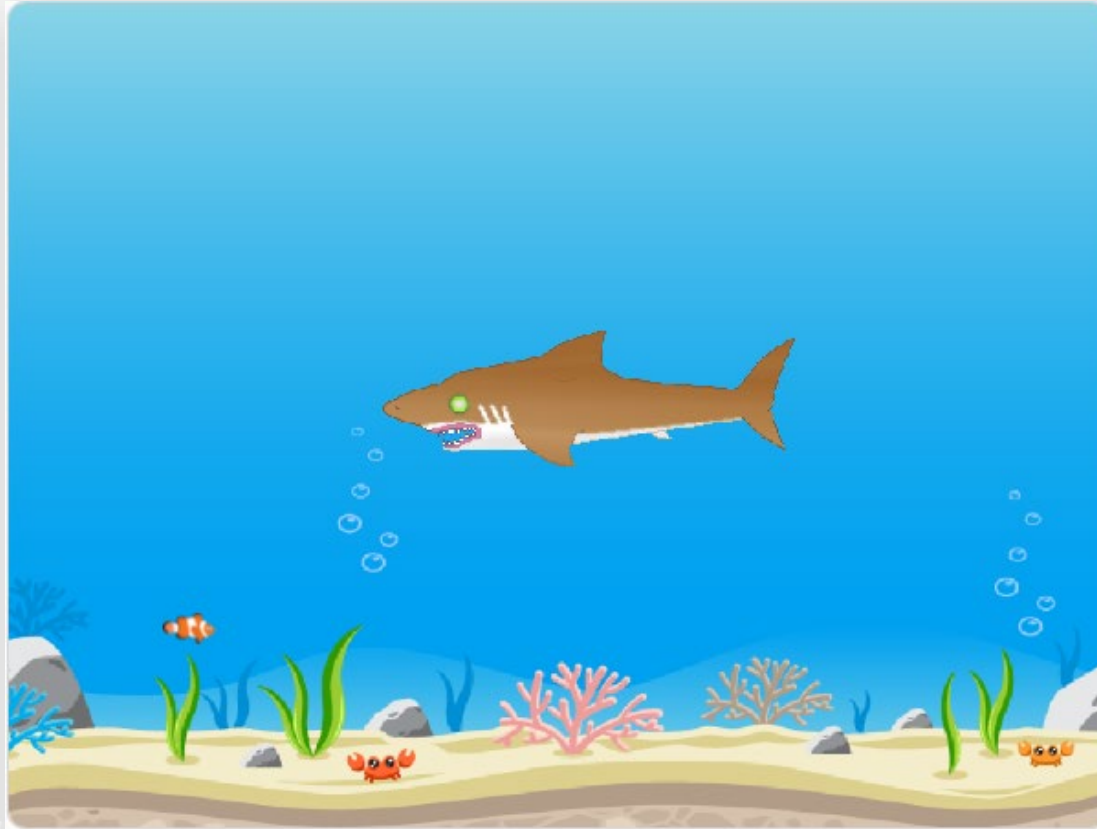
L1Q1 – Aljay

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



ASSESSMENT *for*

L1.12A



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 :)