Intermediate Game Production

Setting Difficulty

By the end of each task I should know how to change the difficulty of the game by ...

Task 1 - allowing the player to control the speed of the fish

Task 2 - allowing the player to control the speed of the shark

Task 3 - allowing the player to control how often the fish turns.

Setting Difficulty

To change how difficult the game is, we have to control certain aspects of the game. For example, if the fish moves slower or the shark moves faster it's easier to catch the fish.

To allow the player to change the speed of the fish, during the game, we can use a variable.



By adding a button to the game we can give the player a way of changing what is stored in the Fish Moves variable.

Add a new button sprite and edit it the add the word "easy" over the middle of it. A script on the button will then change the speed of the fish when the player clicks on the button.

using Scr



You should attempt **all** the tasks below in order. Remember - these tasks are designed to make you solve problems yourself. Do not look at the solutions unless you absolutely have to!

- Task 1 Add two button sprites to the game (one "easy" & one "hard"). Copy and change the above script so that each button makes the fish move at different speeds.
- Task 2 Create another variable to control how long the shark takes to glide towards the mouse pointer. Add more blocks to each button to change the speed of the shark when they are pressed.
- Task 3 Repeat the above to control how far the fish moves before turning.

Setting Difficulty





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