

# Caribbean Sea Critter Quiz

## Introduction

Create a "Caribbean Sea Critter Quiz". A fun quiz that displays images of the fish and other reef critters found in and around the Caribbean.

The user will see an image of a fish and a list of answers where one answer will be correct. The user selects an answer and is notified if the answer is correct or otherwise. This continues until the end of quiz where the user is notified of their total score.

## Expected List of Features

A user should be able to start a quiz. Only one question will be displayed at a time. There will be at least 4 options / answers to choose from in which to identify the picture with the correct answer. After selecting an answer, the user is notified if correct or incorrect. The user can then click a "next" button to go to the next question. The questions and answers will be in a CSV file. The CSV file will be read into the appropriate data structure and then some number of Q & A's will be chosen at random for the quiz. Example rows from the CSV file will be like:

IMAGE_NAME	QUESTION	ANSWER_A	ANSWER_B	ANSWER_C	ANSWER_D	CORRECT_ANSWER
balloonfish.jpg	Which fish is this?	Trunkfish	Hogfish	Balloonfish	Chub	C
moray.jpg	What the heck is this?	Viper	Tequila	Green Moray	Manytooth Conger	C

After all the questions have been answered a final score is given.

## Market Survey

There's a few fish quizzes on the internet found by searching "fish quiz". [REEF.org](https://www.reef.org/quizzes/caribbean-advanced-fish-id-quiz) has a Fish ID quiz that's similar to what this application will offer with the exception that the "Caribbean Sea Critter Quiz" will include critters other than fish such as, but not limited to, crustaceans, mollusks and corals.

## References

REEF.org - Caribbean - Advanced Fish ID Quiz  
<https://www.reef.org/quizzes/caribbean-advanced-fish-id-quiz>

Name That Fish Quiz  
<https://fishing.boyslife.org/name-that-fish-quiz/>

Can you name the fish by the picture shown?  
[https://www.sporcle.com/games/bbainn/fish\\_pics](https://www.sporcle.com/games/bbainn/fish_pics)