From the smallest of creatures to the largest of animals, inevitably every living, breathing thing must ingest other organisms to survive. This means that all animals will fall within one of the three consumer-based categories based on the types of food that they eat.

* Animals that eat only plants are called **herbivores**
* Animals that eat only other animals are called **carnivores**
* Animals that eat both plants and animals are called **omnivores**

**Directions:**

Write a series of ternary statements that sets the variable category equal to:

* "herbivore" if an animal eats plants
* "carnivore" if an animal eats animals
* "omnivore" if an animal eats plants and animals
* "undefined" if an animal doesn't eat plants or animals

Use the eatsPlants and eatsAnimals variables to test your code.

***TIP:****Make sure to test your code with different values. For example,  
  
If eatsPlants equals true and eatsAnimals equals false, then herbivore should be printed to the console.*

**Your Code:**





/\*

\* Programming Quiz - Navigating the Food Chain (3-8)

\*

\* Use a series of ternary operator to set the category to one of the following:

\* - "herbivore" if an animal eats plants

\* - "carnivore" if an animal eats animals

\* - "omnivore" if an animal eats plants and animals

\* - undefined if an animal doesn't eat plants or animals

\*

\* Notes

\* - use the variables `eatsPlants` and `eatsAnimals` in your ternary expressions

\* - `if` statements aren't allowed ;-)

\*/

/\*

\* QUIZ REQUIREMENTS

\* - Your code should have the variables `eatsPlants`, `eatsAnimals`

\* - Your code should include ternary statements. Do not use if....else statement.

\* - Your code should produce the expected output

\* - Your code should not be empty

\* - BE CAREFUL ABOUT THE PUNCTUATION AND THE EXACT WORDS TO BE PRINTED.

\*/

// change the values of `eatsPlants` and `eatsAnimals` to test your code

var eatsPlants = true;

var eatsAnimals = false;

/\*

\* Test your code agaist the followig possible input/output combinations of (`eatsPlants`, `eatsAnimals`, expected output):

\* - (true, true, omnivore)

* RESET QUIZ
* TEST RUN
* SUBMIT ANSWER

Note - We check your solution against a limited set of ***test-cases*** that check the minimum requirements, as mentioned in the quiz.

**Here is one of the possible solutions:**

**var** category = eatsPlants ? (eatsAnimals ? "omnivore" : "herbivore") : (eatsAnimals ? "carnivore" : "undefined");

Hide Solution

NEXT