# Module 4.5 Truthy and Falsy Values: Coding Questions with Hints

## Question 1: Determine if a given list is empty using a truthy value check.

Hint: An empty list is considered Falsy in Python.

## Question 2: Use a truthy value check to print 'Non-zero' if a number is not zero.

Hint: Any non-zero number is considered Truthy in Python.

## Question 3: Check if a string is not empty using a truthy value check and print a message.

Hint: Non-empty strings are Truthy.

## Question 4: Use truthy and falsy checks to implement logic that prints 'Empty' or 'Not empty' based on whether a dictionary has any items.

Hint: An empty dictionary is Falsy.

## Question 5: Write a condition that prints 'Yes' if a variable has a truthy value, otherwise prints 'No'.

Hint: You can directly use the variable in the if statement to check its truthiness.

## Question 6: Determine if a given variable is None using a falsy check.

Hint: The None value is considered Falsy, but be explicit in checking for None to avoid confusion with other falsy values.

## Question 7: Use a single line if statement to print 'Truthy' if a list has elements, leveraging its truthiness.

Hint: This is an application of the truthy value in a concise if statement.

## Question 8: Given a numeric variable, use falsy to determine if it is either 0 or undefined (None) and print an appropriate message.

Hint: Both 0 and None are considered Falsy but need to handle them separately if distinguishing between them.

## Question 9: Implement a function that returns True if its arguments are all truthy, otherwise False.

Hint: Use the all() function to check the truthiness of all arguments.

## Question 10: Given a string variable, use truthy/falsy to implement a check that prints 'Blank' if the string is either empty or contains only whitespace.

Hint: Strings containing only whitespace are considered Truthy; you might need to use a string method before the check.