# Module 4.3 Elif Statements: Coding Questions with Hints

## Question 1: Write an elif chain that prints 'Kid' for ages 0-12, 'Teen' for ages 13-19, and 'Adult' for ages 20 and above.

Hint: Start with `if` for the youngest age group, then use `elif` for additional age groups.

## Question 2: Determine the grade (A, B, C, D, F) for a given score using elif statements.

Hint: Define score ranges for each grade, starting with A as the highest score range.

## Question 3: Given a variable 'day', print the corresponding day of the week (1 for Monday, 2 for Tuesday, etc.).

Hint: Use an `elif` chain to match each number with its day.

## Question 4: Write an elif statement to classify and print the type of triangle (equilateral, isosceles, scalene) given its side lengths.

Hint: Check for all sides equal first, then two sides equal, and finally no sides equal.

## Question 5: Create a calculator that takes an operator (+, -, \*, /) and two numbers, then prints the result.

Hint: Use `elif` to handle each operator as a different case.

## Question 6: Print the appropriate season based on the month number (1 for January, 12 for December).

Hint: Group months into seasons and use `elif` to check the month.

## Question 7: Based on the number of petal on a flower, print 'Love me' or 'Love me not' in alternation.

Hint: Use the modulus operator to determine if the number of petals is odd or even.

## Question 8: Given the time of day as hours (0-23), print 'Morning', 'Afternoon', 'Evening', or 'Night'.

Hint: Define time ranges for each part of the day.

## Question 9: Implement a simple text-based menu using elif, where users can choose from options A, B, C, or D.

Hint: Each option should lead to a print statement describing the action performed.

## Question 10: Classify and print whether a given integer is 'Small' (< 100), 'Medium' (100-999), or 'Large' (>= 1000).

Hint: Use `elif` to differentiate between the size categories based on the number.