Computing

Operators
Lesson 4 of 6

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Task 1 - The Big Quiz

Your task is to now add more questions and functionality to your big quiz program.

When you complete the task, take a screenshot of only the new subroutine, or blocks you have added to solve each problem.

Open the following Scratch program and select See inside.

oaknat.uk/comp-bigquiz
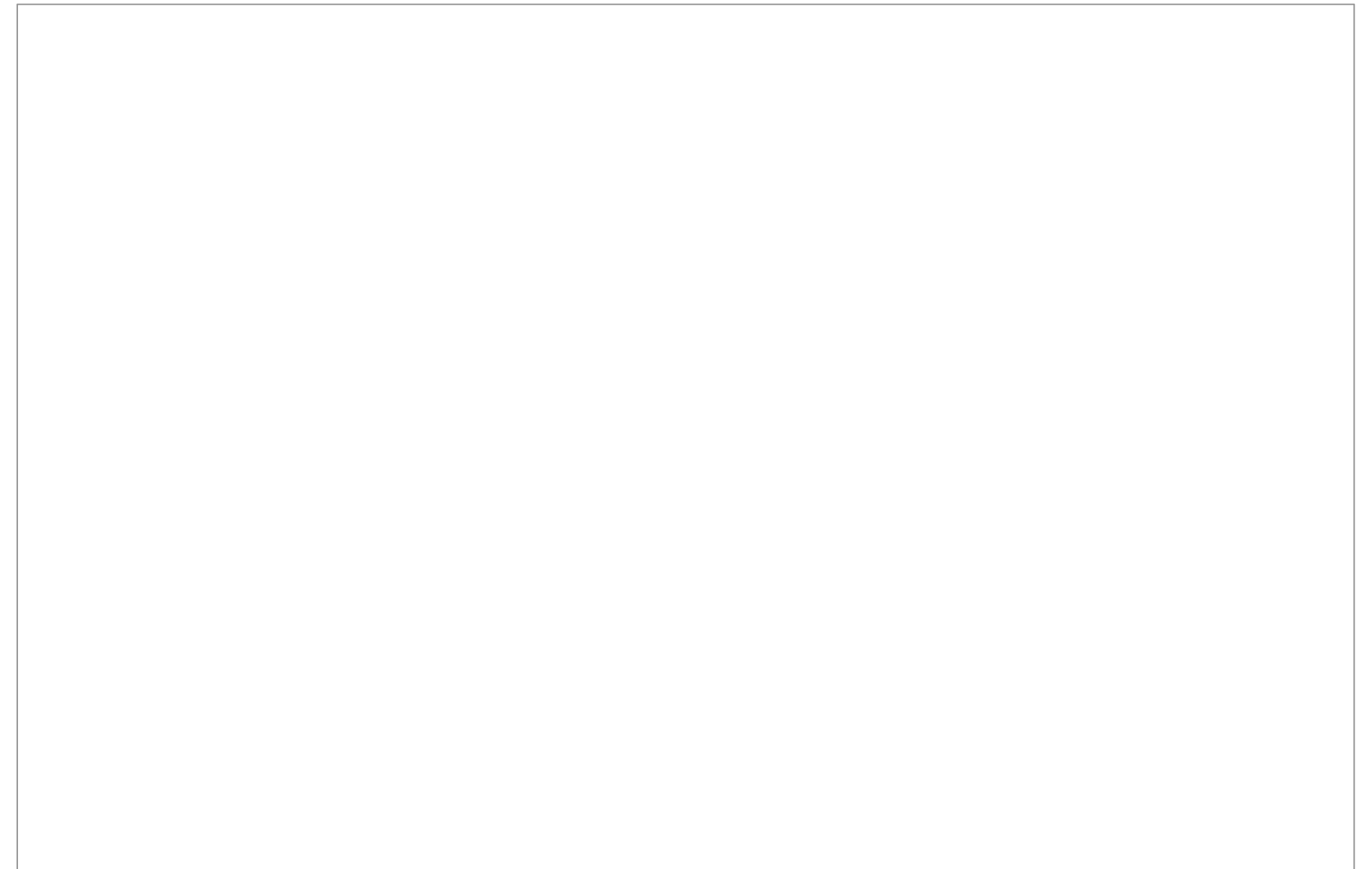
Task 2: q3 subroutine

Question

Complete subroutine q3. The following question has already been added for you:

Paris stands on which river?

The answer is: Seine

Give the same feedback as subroutines q1 and q2.

Screenshot
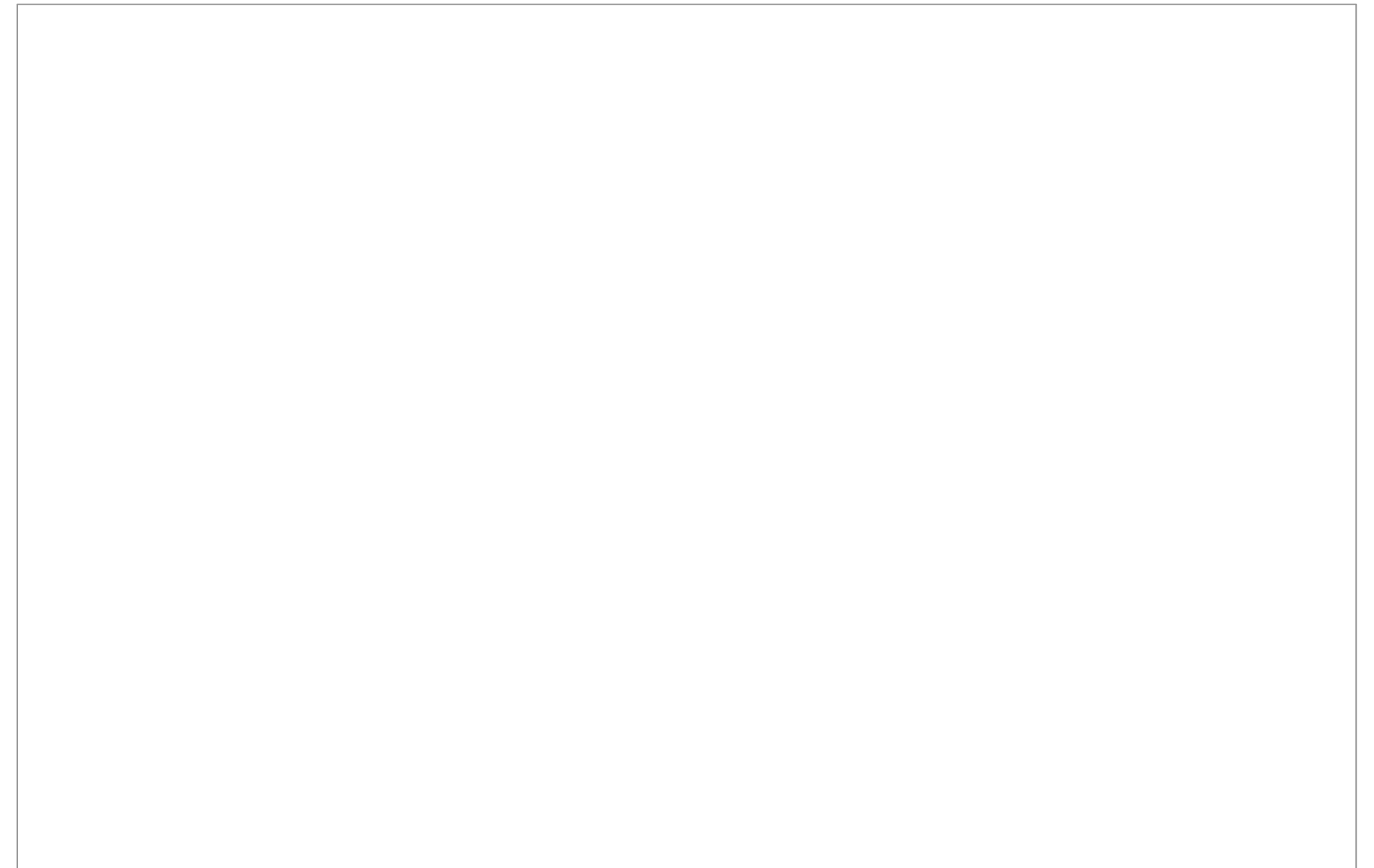
Task 3: q4 subroutine

Question

Complete subroutine q4. The following questions has already been added for you:

- What does the U stand for in USA?
  - Answer: United
- What does the S stand for in USA?
  - Answer: States

In this subroutine, both questions must be answered correctly for them to get the "Correct" feedback.

Screenshot

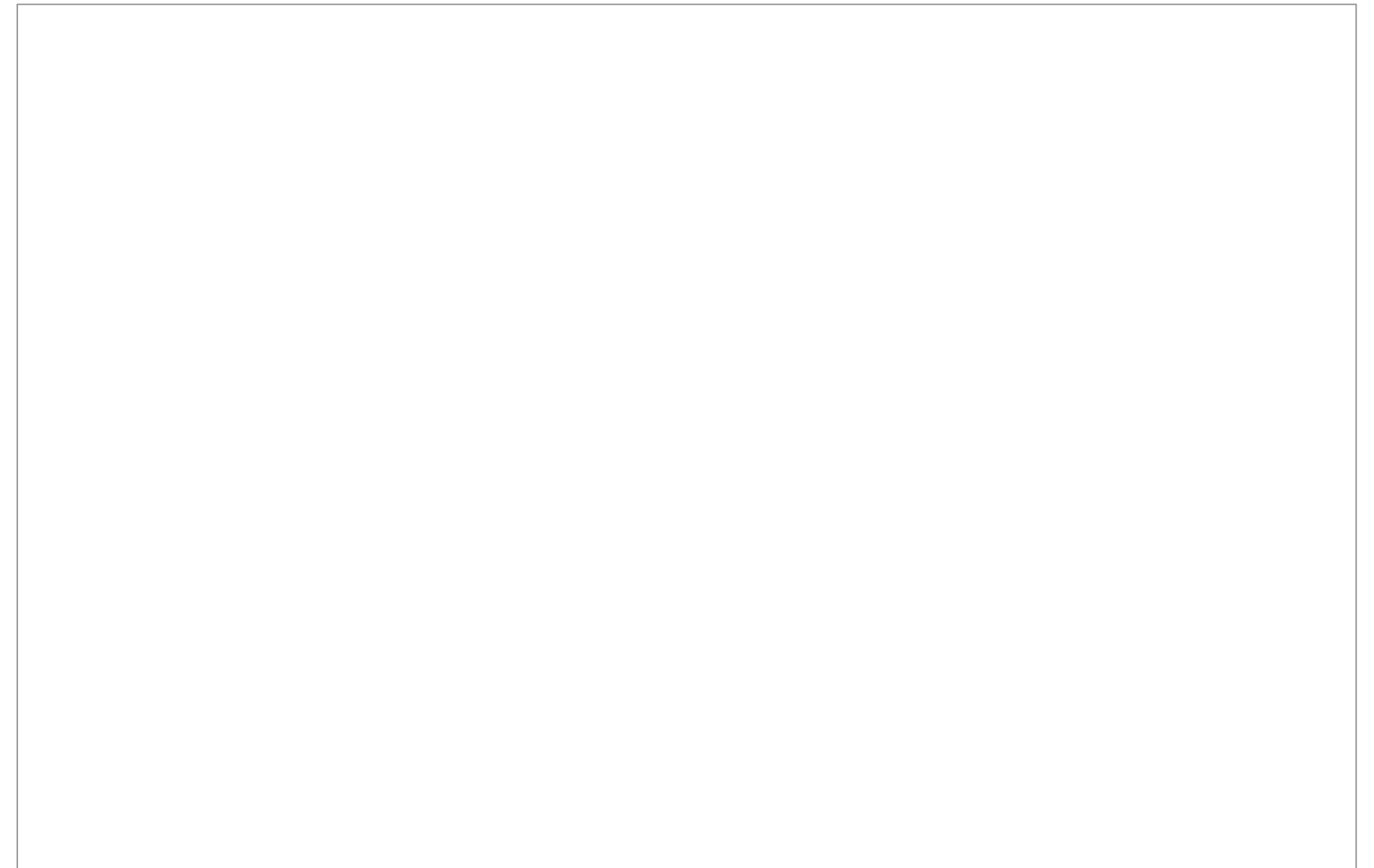# Task 4: Which year group are you in?

Question

Add a new question after the Green flag has been clicked that asks the user what year group they are in.

If the user enters a number lower than seven, then they should be asked questions 1 and 2, otherwise they should be asked questions 3 and 4.

Hint: Use the year-group variable
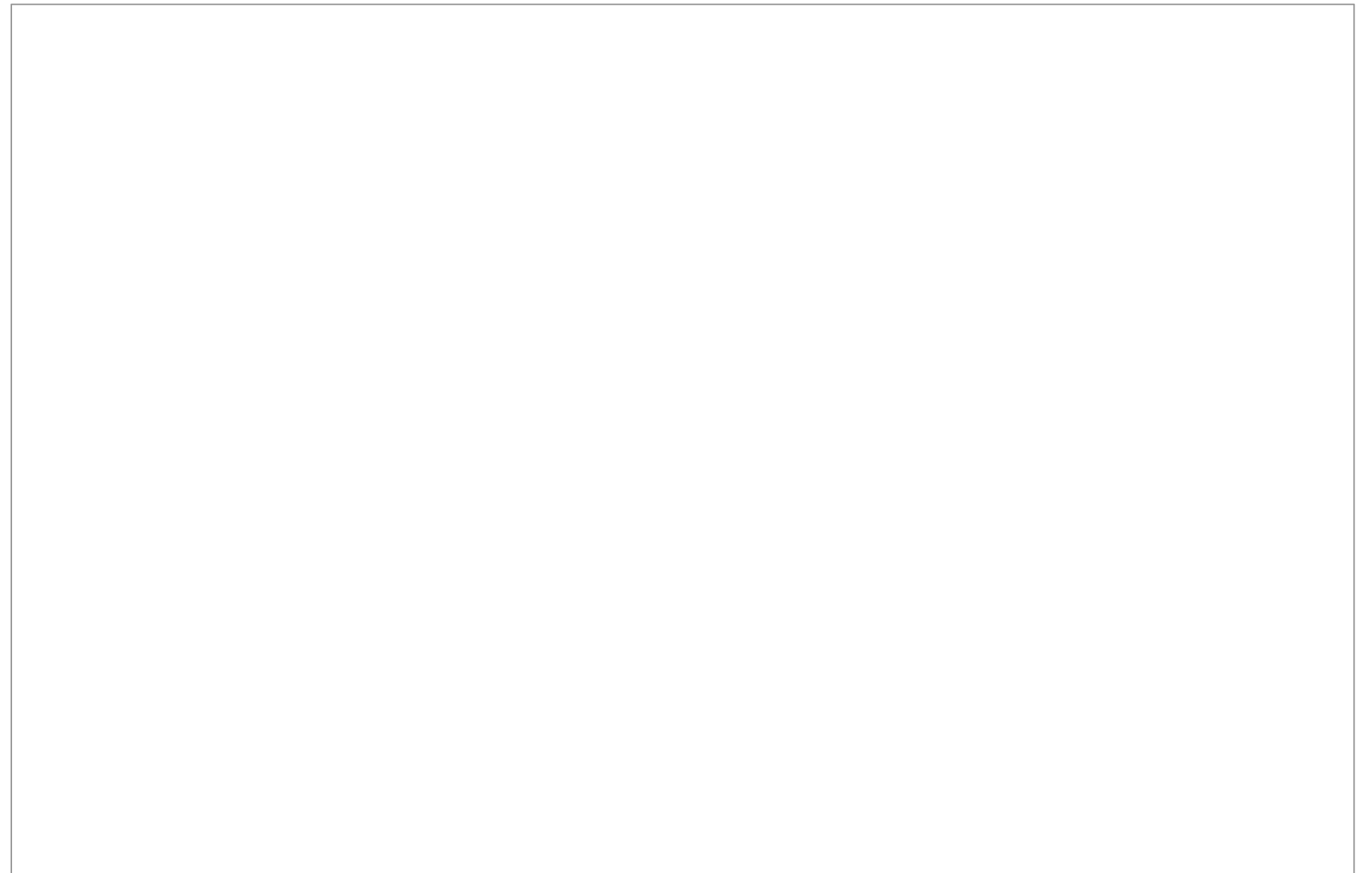
Screenshot

Explorer Task 2 (optional): Add a score

Question

Use the 'score' variable to add one to the score each time the use gets a question correct.

When the game starts, the score should be set to 0.

Screenshot

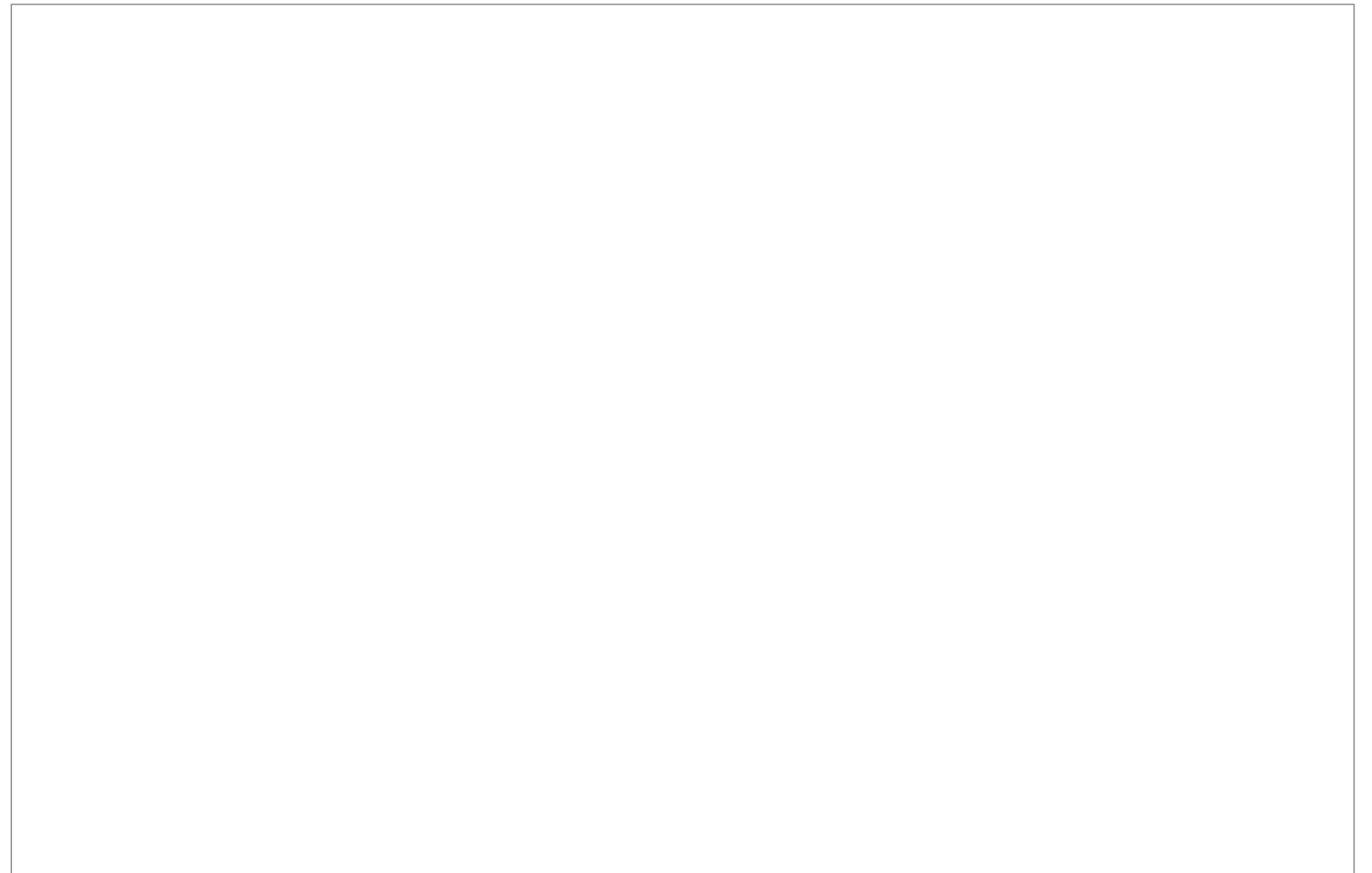# Explorer Task 3 (optional): The q5 subroutine

Question

Add a question to subroutine q5.

The question should be:

"What is the population of Iceland to the nearest 100,000?"

Accept any answer between 300,000 and 400,000.

Screenshot

Task 5 - Does each statement evaluate to 'true' or 'false'? Complete the table below:

Statement	Evaluates to 'true' or 'false'?
7 > 6	
9 = 9	
10 < 9	
(30 < 50) or (30 > 50)	
(20 = 20) and (15 < 15)	
not (20 = 20)	