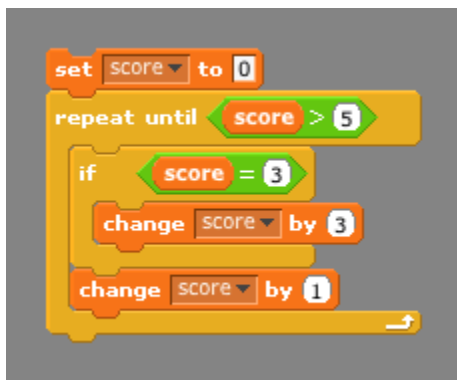


Software Warm-up (turn in)

What is a comment in software and why are comments useful?

What is the purpose of the executive summary in a project proposal?

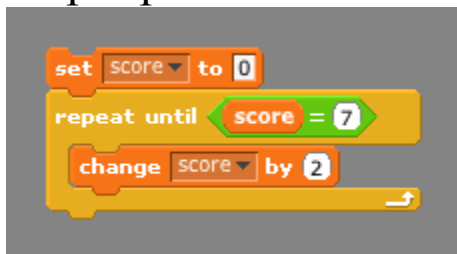
Consider the Scratch code below. What will be the final value of the score variable?



```
set score to 0
repeat until score > 5
  if score = 3
    change score by 3
  change score by 1
```

The image shows a Scratch code block starting with 'set score to 0'. This is followed by a 'repeat until' loop with the condition 'score > 5'. Inside the loop, there is an 'if' block with the condition 'score = 3'. If true, it executes 'change score by 3'. After the 'if' block, it executes 'change score by 1'. The loop ends with a right-pointing arrow.

Consider the Scratch code below. How many times will the loop repeat?



```
set score to 0
repeat until score = 7
  change score by 2
```

The image shows a Scratch code block starting with 'set score to 0'. This is followed by a 'repeat until' loop with the condition 'score = 7'. Inside the loop, it executes 'change score by 2'. The loop ends with a right-pointing arrow.