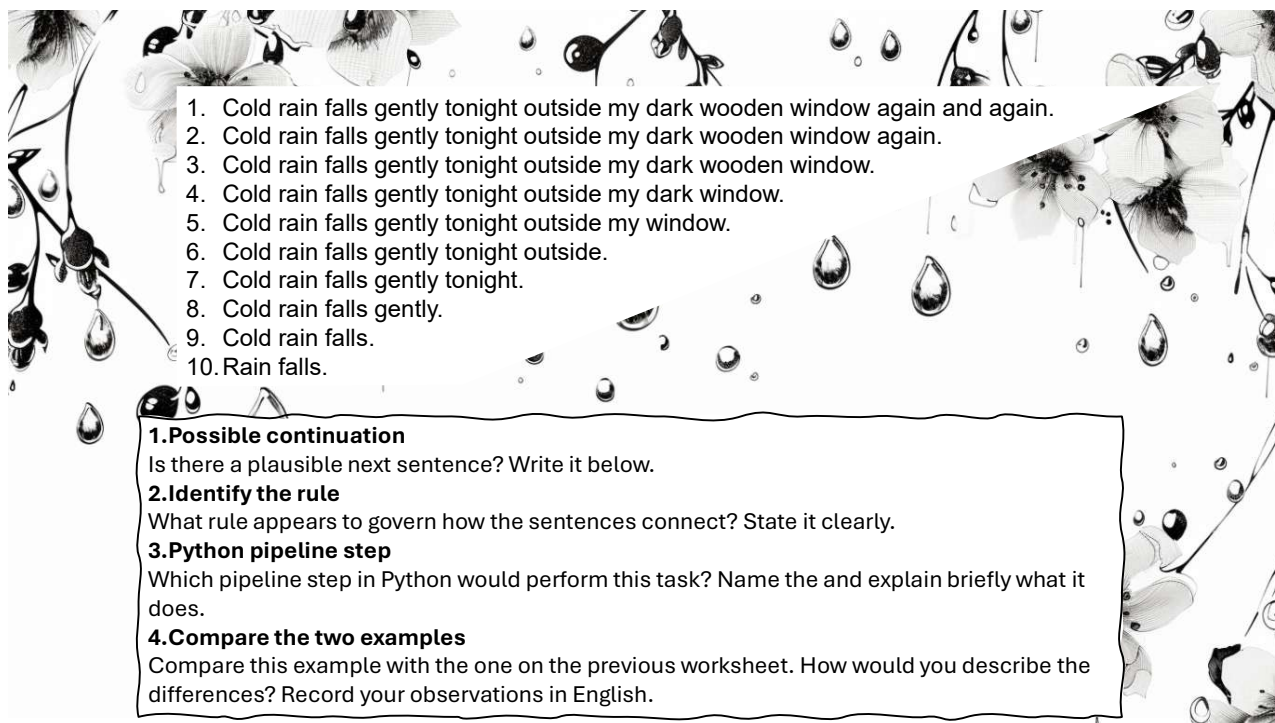


1. Birds fly.
2. Small birds fly.
3. Small birds fly high.
4. Small birds fly high above.
5. Small birds fly high above trees.
6. Small birds fly high above the trees.
7. Small birds often fly high above the trees.
8. Small birds often fly high above the green trees.
9. Small birds often fly high above the green forest trees.
10. Small birds often fly high above the green forest trees quietly.

- Write a meaningful 11th sentence that logically follows the given example sentence.
- Formulate rules that explain why your chosen continuation is grammatically correct.
- Decide how many of your rules are required to continue the sequence up to and including Sentence 6. Justify your answer.
- Examine Sentence 7 carefully. Which additional rule is introduced here for the first time? Describe it precisely.
- Name the pipeline step(s) in Python that would be needed to automatically detect or apply the rules above, and briefly describe what each step does.
- Consider this sentence:
In spring, small birds often fly high above the green forest trees quietly.
 Do you think this will come directly after Sentence 10? Explain your reasoning. Also state how many “steps” (rule applications) it would take to get from Sentence 10 to this sentence.



1. Cold rain falls gently tonight outside my dark wooden window again and again.
2. Cold rain falls gently tonight outside my dark wooden window again.
3. Cold rain falls gently tonight outside my dark wooden window.
4. Cold rain falls gently tonight outside my dark window.
5. Cold rain falls gently tonight outside my window.
6. Cold rain falls gently tonight outside.
7. Cold rain falls gently tonight.
8. Cold rain falls gently.
9. Cold rain falls.
10. Rain falls.

1. Possible continuation
 Is there a plausible next sentence? Write it below.

2. Identify the rule
 What rule appears to govern how the sentences connect? State it clearly.

3. Python pipeline step
 Which pipeline step in Python would perform this task? Name the and explain briefly what it does.

4. Compare the two examples
 Compare this example with the one on the previous worksheet. How would you describe the differences? Record your observations in English.

