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| Q1 | Can you create a programme or function that employs both positive and negative indexing? Is there any repercussion if you do so? |
| ANS: |  |
| Q1 | What is the most effective way of starting with 1,000 elements in a Python list? Assume that all elements should be set to the same value. |
| ANS: |  |
| Q1 | How do you slice a list to get any other part while missing the rest? (For example, suppose you want to make a new list with the elements first, third, fifth, seventh, and so on.) |
| ANS: |  |
| Q1 | Explain the distinctions between indexing and slicing. |
| ANS: |  |
| Q1 | What happens if one of the slicing expression's indexes is out of range? |
| ANS: |  |
| Q1 | If you pass a list to a function, and if you want the function to be able to change the values of the list—so that the list is different after the function returns—what action should you avoid? |
| ANS: |  |
| Q1 | What is the concept of an unbalanced matrix? |
| ANS: |  |
| Q1 | Why is it necessary to use either list comprehension or a loop to create arbitrarily large matrices? |
| ANS: |  |