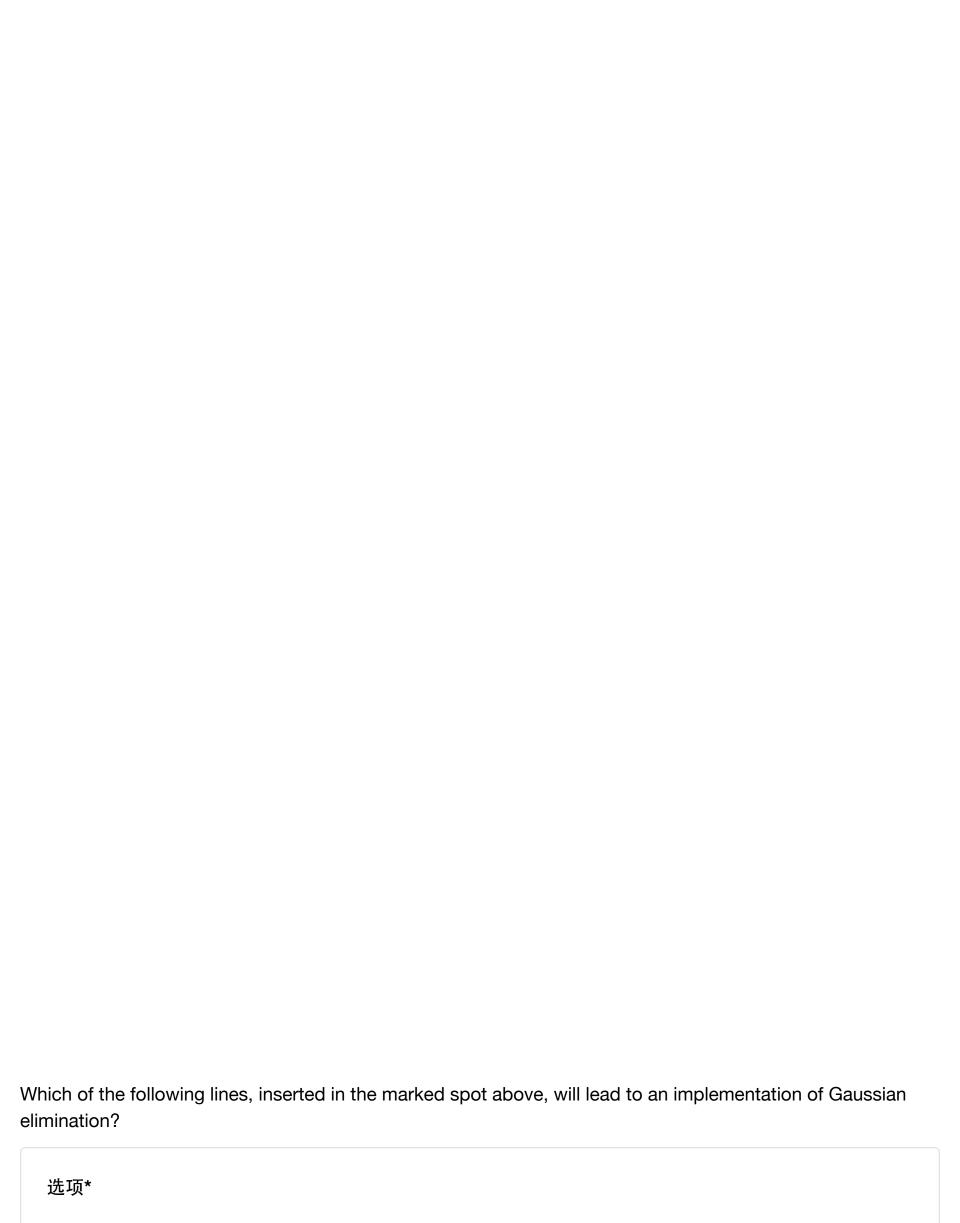# Naive Gaussian Elimination Code

1分

Consider the following Python code, in which  A  is an $n \times n$ matrix.

```python
for k in range(n):
    for i in range(k+1, n):
        # INSERT LINE HERE
```

Recall the algorithm for Gaussian Elimination (pdf page 21) (/course/cs357-f15/file-version/59babe8be91b4665456aae2abfdc1e1e732643ec/media/cs357-slides-systems.pdf).

Which of the following lines, inserted in the marked spot above, will lead to an implementation of Gaussian elimination?

选项*

○ `A[i] -= A[k]*A[k,k]/A[i,k]`

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○ `A[k] -= A[i]*A[i,k]/A[k,k]`

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参考答案: `'A[i] -= A[k]*A[i,k]/A[k,k]'`.