✓ **Congratulations! You passed!**

TO PASS 80% or higher

[Keep Learning]

GRADE
90%

Eigenvalues and eigenvectors

LATEST SUBMISSION GRADE

90%

1. This assessment will test your ability to apply your knowledge of eigenvalues and eigenvectors to some special cases.

    Use the following code blocks to assist you in this quiz. They calculate eigenvectors and eigenvalues respectively:

    1 / 1 point

```
1   # Eigenvalues
2   M = np.array([[1, 0, 0],
3                 [0, 2, 0],
4                 [0, 0, 3]])
5   vals, vecs = np.linalg.eig(M)
6   vals
```

[Run]

[Reset]

```
1   # Eigenvectors - Note, the eigenvectors are the columns of the output.
2   M = np.array([[1, 0, 0],
3                 [0, 2, 0],
4                 [0, 0, 3]])
5   vals, vecs = np.linalg.eig(M)
6   vecs
7
```

[Run]

[Reset]