

If your original code is:

python

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```
import librosa

y, sr = librosa.load('audio.wav')
y_shifted = librosa.effects.pitch_shift(y, sr, n_steps=4)
```

Change it to:

python

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```
import librosa

y, sr = librosa.load('audio.wav')
y_shifted = librosa.effects.pitch_shift(y=y, sr=sr, n_steps=4)
```

Let me know if you'd like help adding this into a full audio pipeline (e.g., saving or plotting the results).



Traceback (most recent call last):

```
File "/home/yurui/lab2/new/homework.py", line 4, in <module>
  librosa.output.write_wav("shifted.wav", y_shifted, sr)
^^^^^^^^^^^^^^^^^^^^
```

```
File "/home/yurui/lab2/audio/lib/python3.11/site-
packages/lazy_loader/__init__.py", line 94, in __getattr__
  raise AttributeError(f"No {package_name} attribute {name}")
AttributeError: No librosa attribute output
```

my code:

```
import librosa
y, sr = librosa.load("test.wav")
librosa.effects.pitch_shift(y=y, sr=sr, n_steps=4)
librosa.output.write_wav("shifted.wav", y_shifted, sr)
```

You're getting this error because `librosa.output.write_wav()` has been **deprecated and removed** in recent versions of `librosa`.

✅ Fix:

Use `soundfile.write()` from the `soundfile` library instead.

Here's how to fix your code:

python

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```
import librosa
import soundfile as sf # <- Add this import

y, sr = librosa.load("test.wav")
y_shifted = librosa.effects.pitch_shift(y=y, sr=sr, n_steps=4)

sf.write("shifted.wav", y_shifted, sr) # <- Save the shifted audio
```

💡 Extra Tip:

If you don't have `soundfile` installed yet, you can install it via `pip`:

bash

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```
pip install soundfile
```

Let me know if you want to visualize the waveforms or apply other effects!

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Ask anything



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