

# anki.py

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Define an Anki flashcard model with fields for questions and answers  
Suitable for use in the Anki flashcard application

Define and initialize an anki deck, where we can add cards.

Returns  
-----  
anki deck

Create a card for a question, answer pair.

Returns  
-----  
anki card

Create a package for a deck

Returns  
-----  
None

```
import genanki
import os
```

```
def get_model():

    my_model = genanki.Model(
        1607392319,
        'Anki Model',
        fields=[
            {'name': 'Question'},
            {'name': 'Answer'},
        ],
        templates=[
            {
                'name': 'Card',
                'qfmt': '{{Question}}',
                'afmt': '{{FrontSide}}<hr id="answer">{{Answer}}',
            },
        ])
    return my_model
```

```
def get_deck(deck_name):
```

```
    my_deck = genanki.Deck(
        2059400110,
        deck_name)
    return my_deck
```

```
def add_question(question, answer, curr_model):
```

```
    my_note = genanki.Note(
        model=curr_model,
        fields=[question, answer])
    return my_note
```

```
def add_package(deck, output_fname):
```

```
    app_cwd = os.path.dirname(os.path.realpath(__file__))
    anki_path = os.path.join(app_cwd, "anki_decks")
    if not os.path.exists(anki_path):
```

```
os.makedirs(anki_path)
genanki.Package(deck).write_to_file(f'{anki_path}/{output_fname}.apkg')
```