



Django Model und Form



Einleitung Puthon Puthon



Kapitel IV
Model und Form

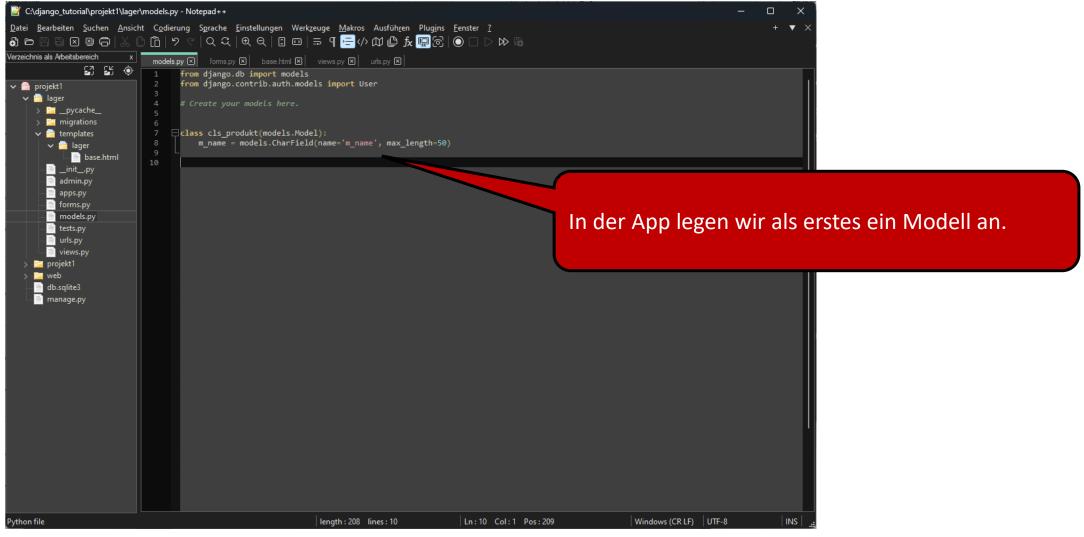
Lernziele Kapitel IV:

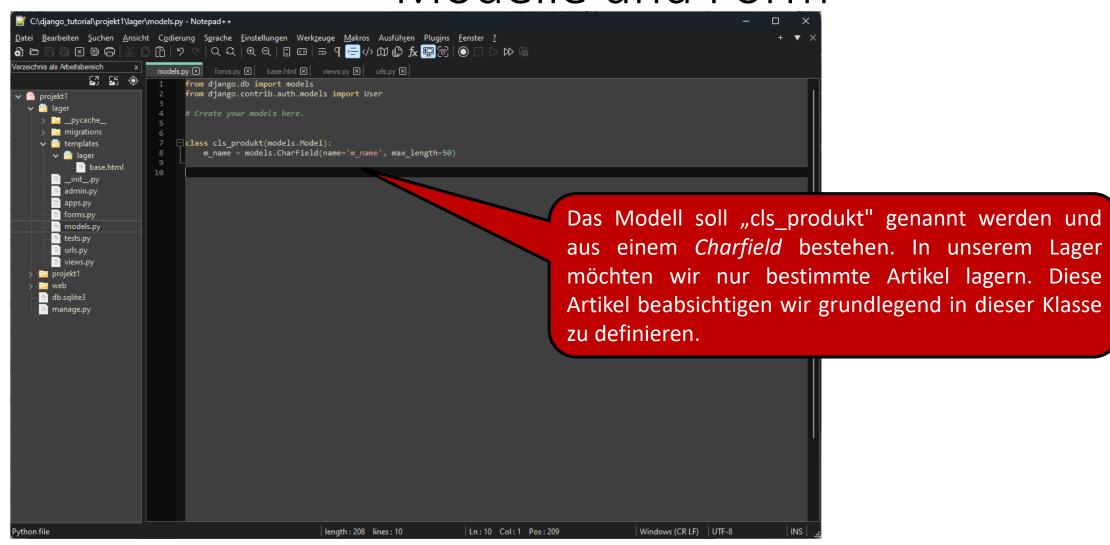
Ich kann ein Django Modell programmieren.

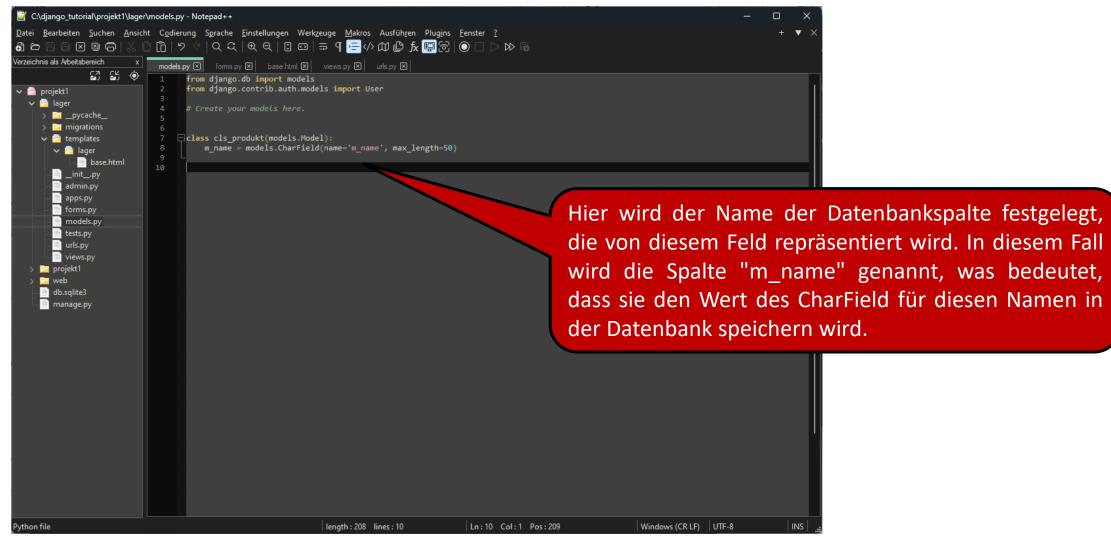
Ich kann eine Django Form programmieren.

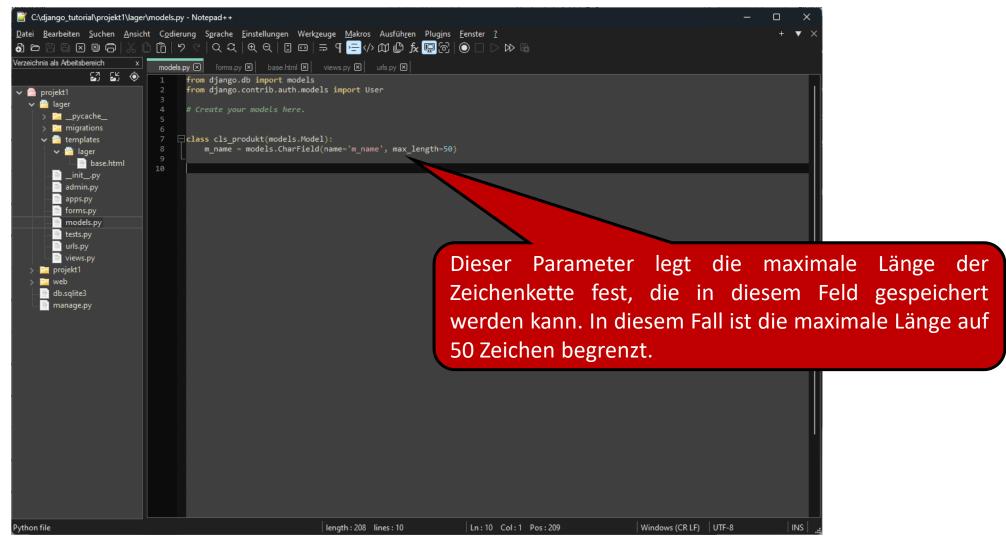
Ich kann ein Django ForeignKey Field programmieren.

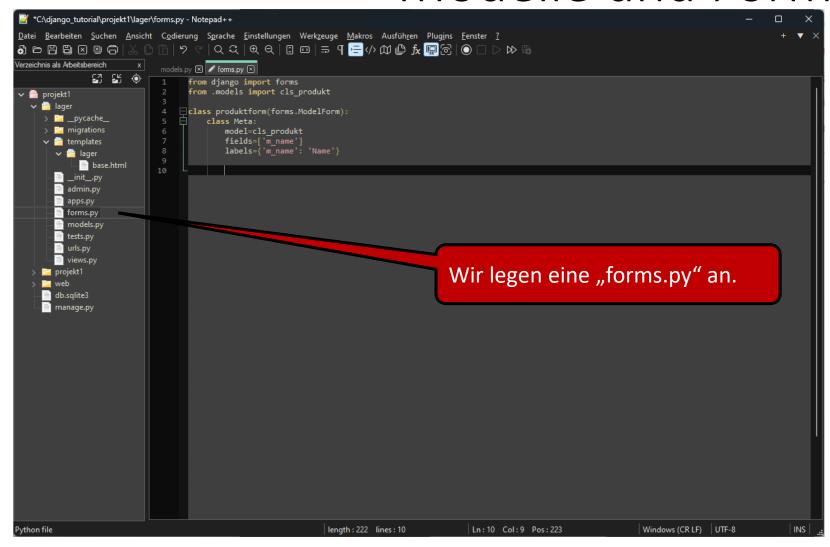
Ich kann Django Modelle Speichern und Laden.

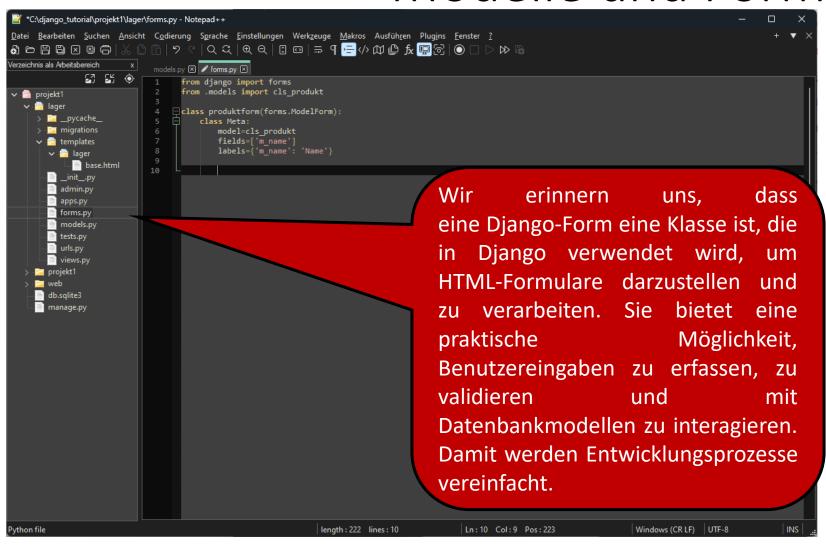


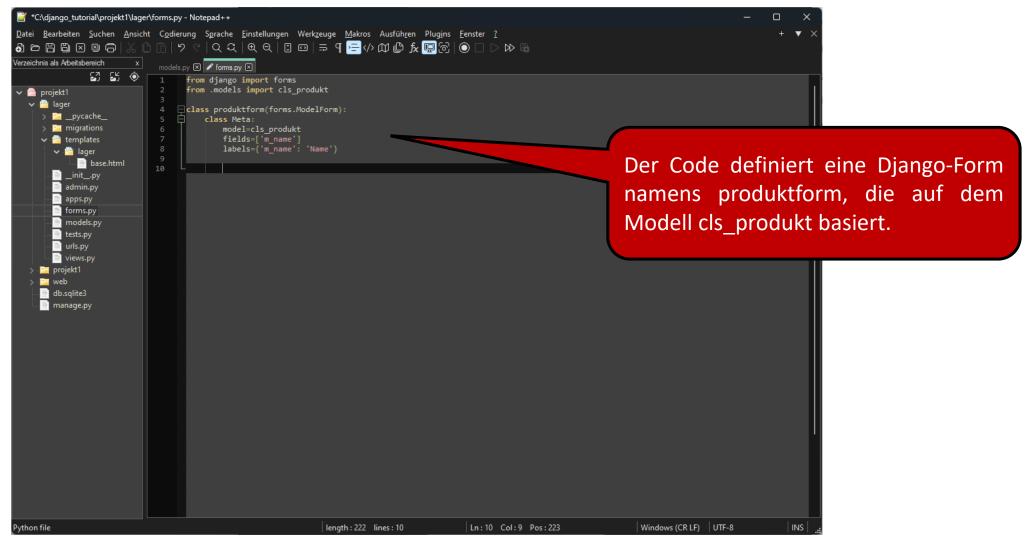


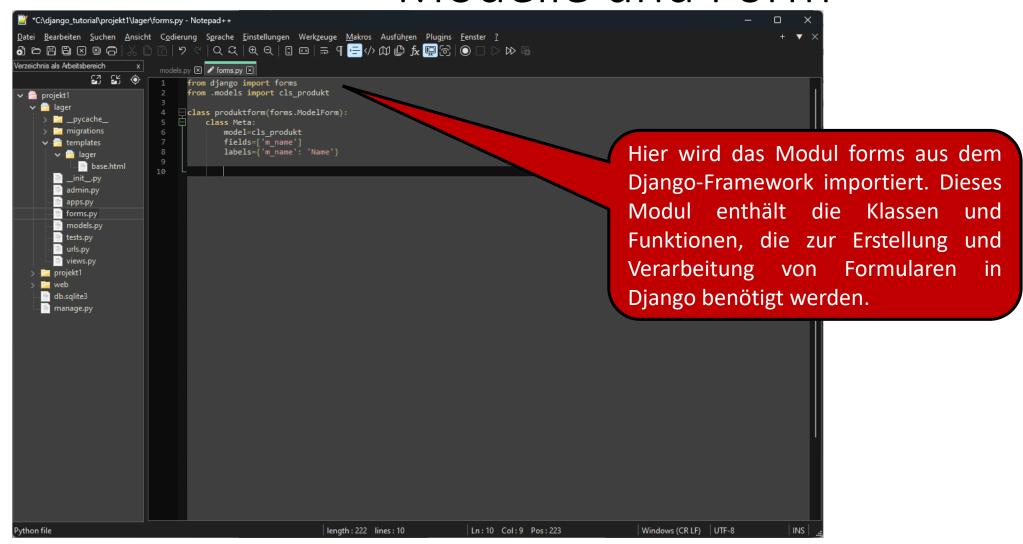


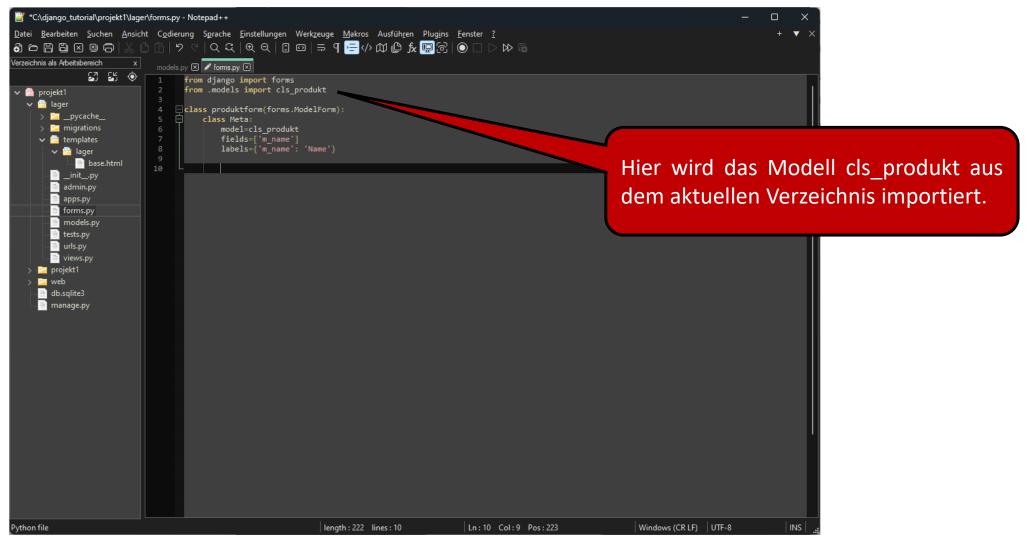


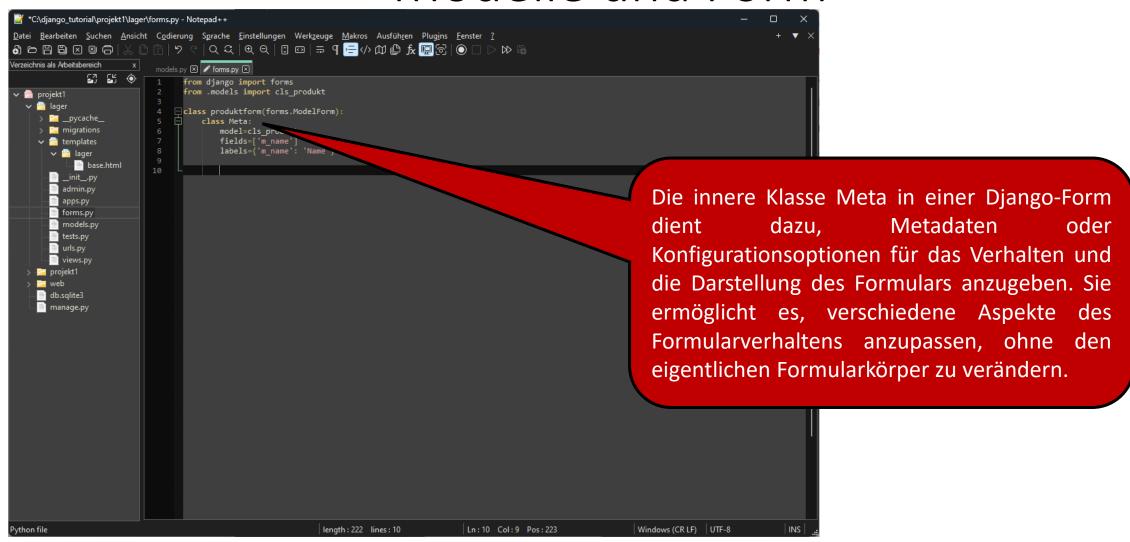


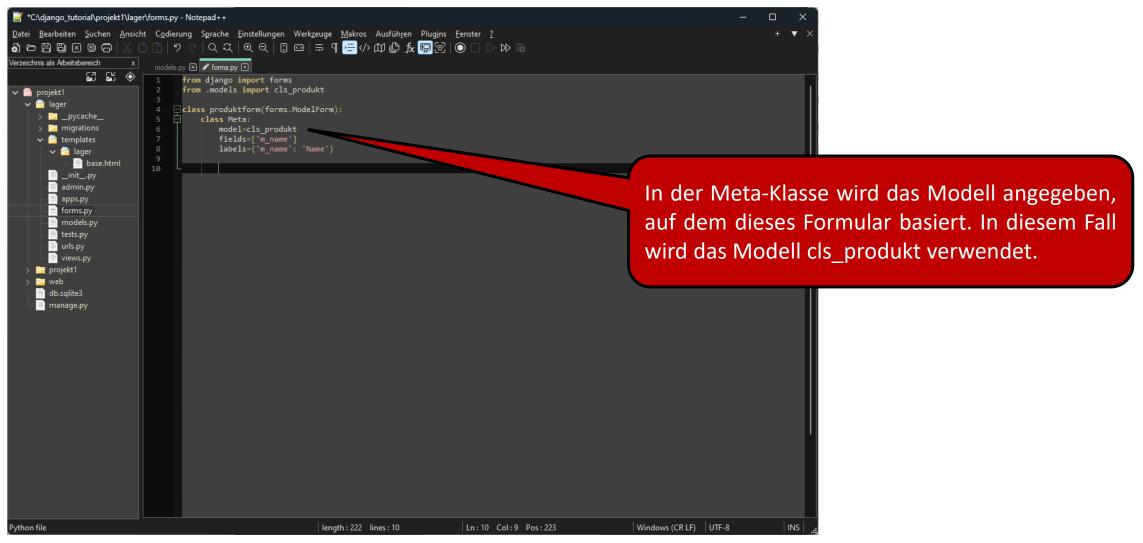


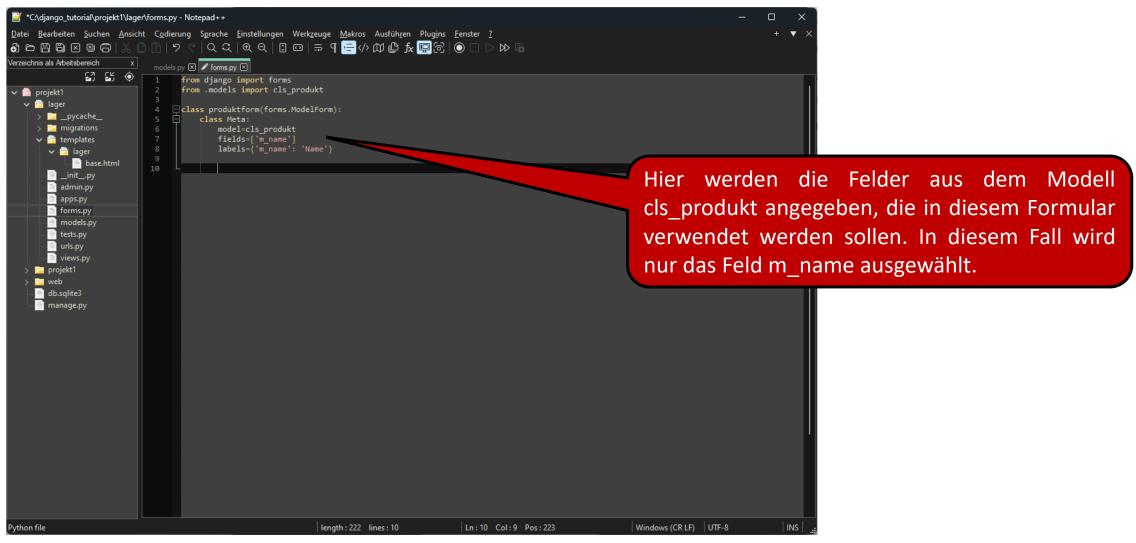


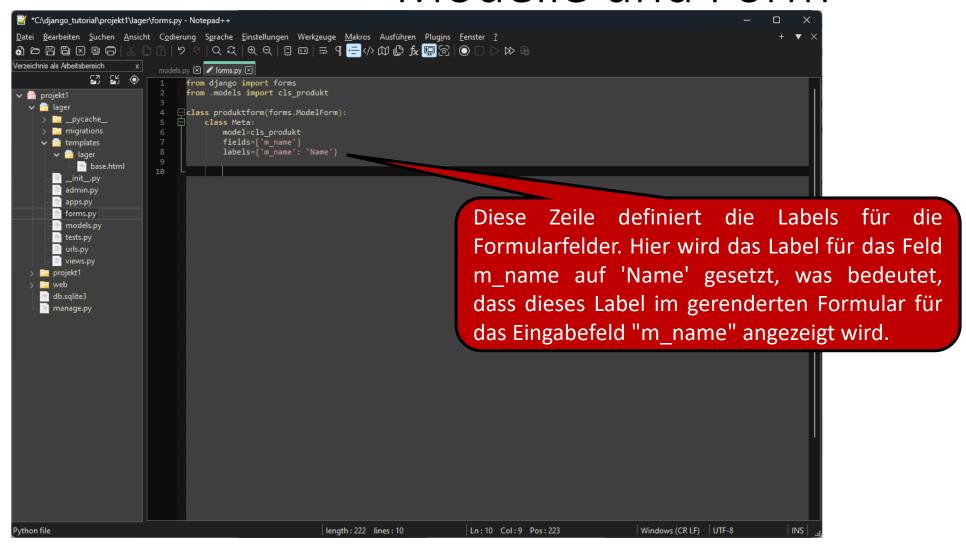


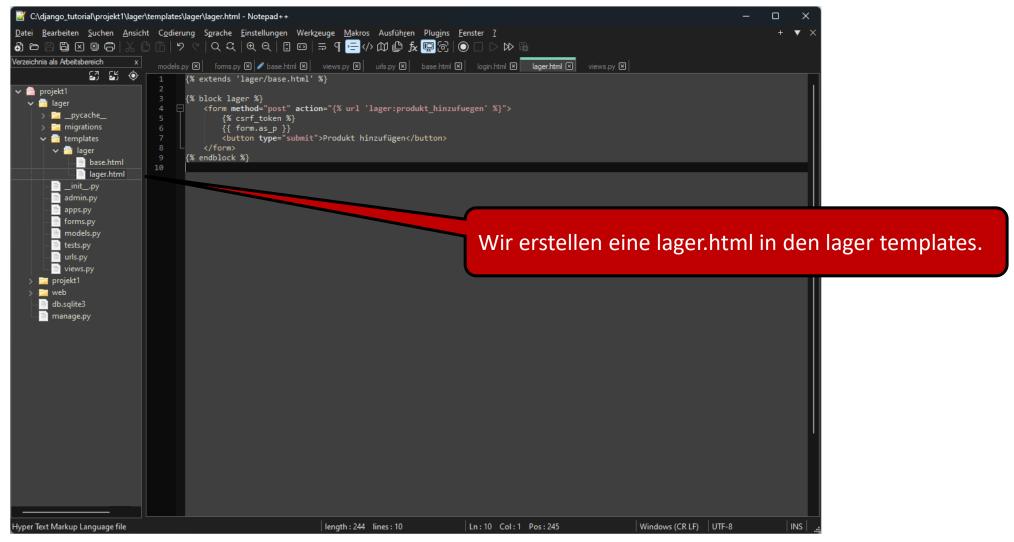


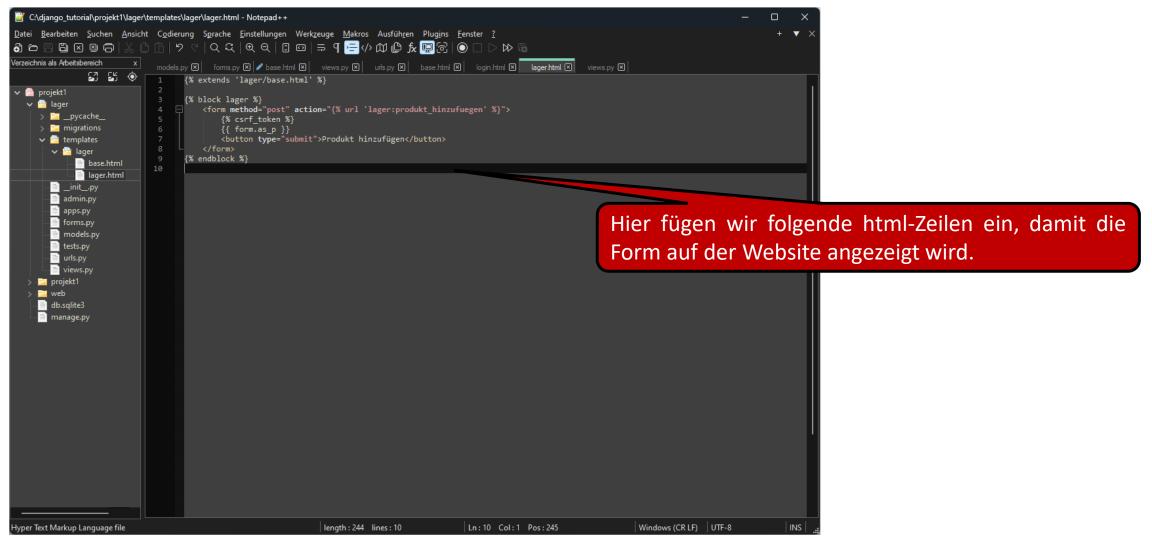


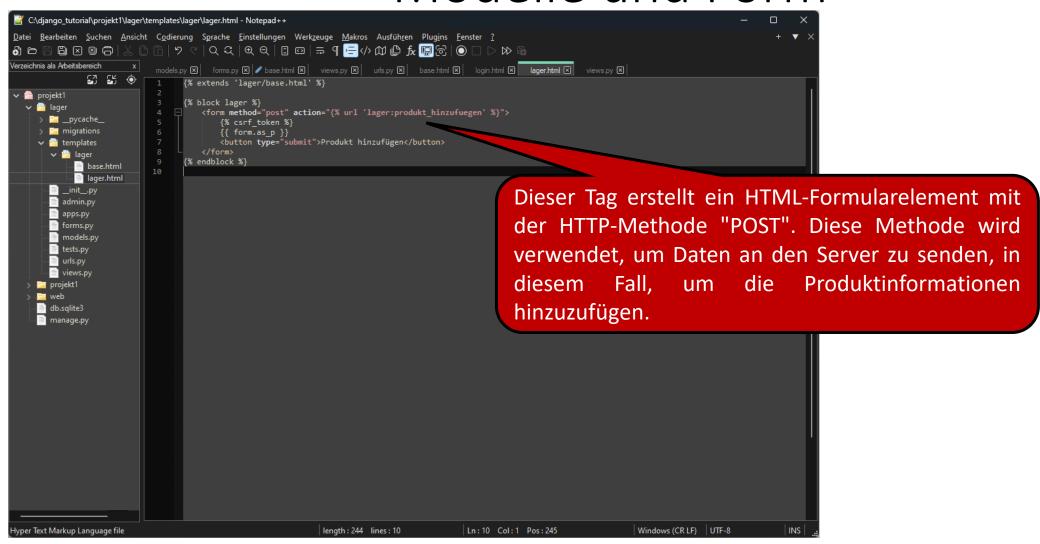


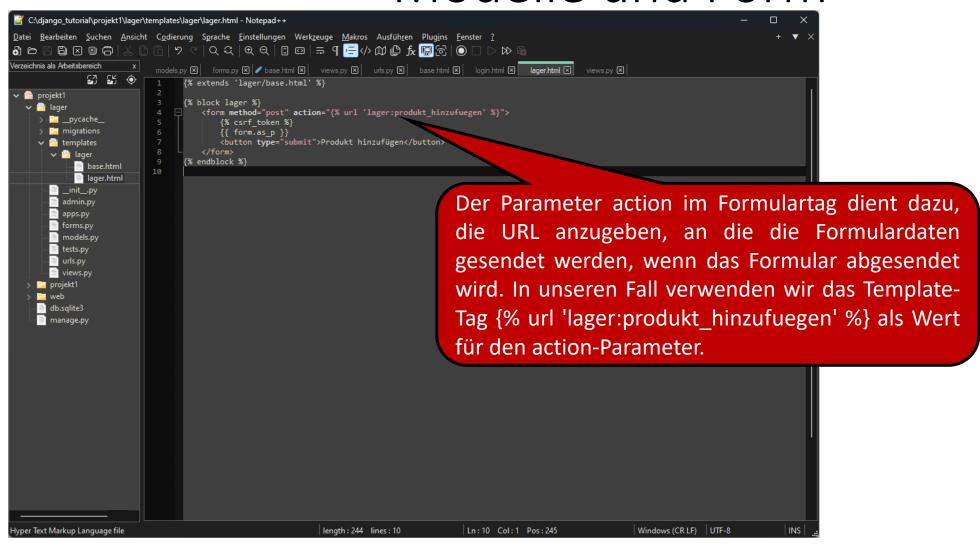


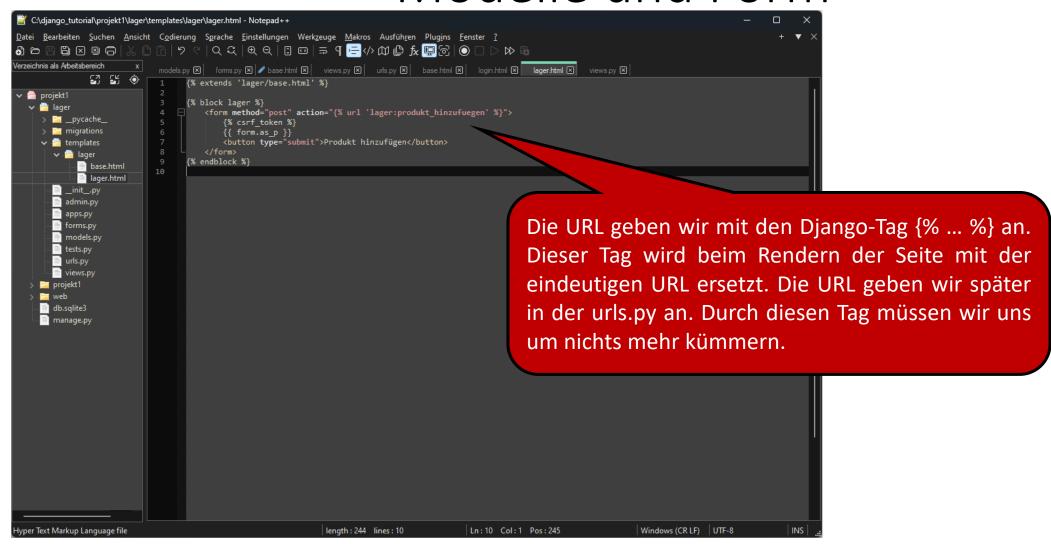


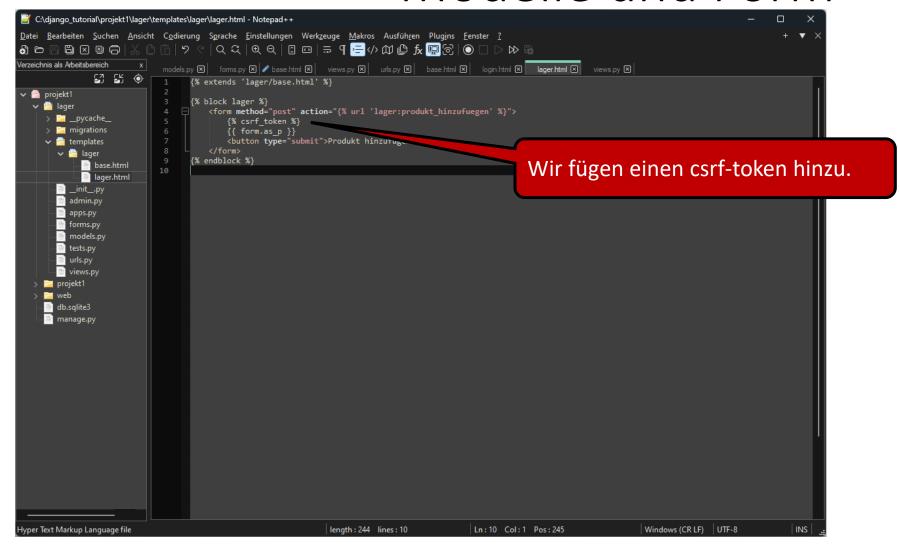


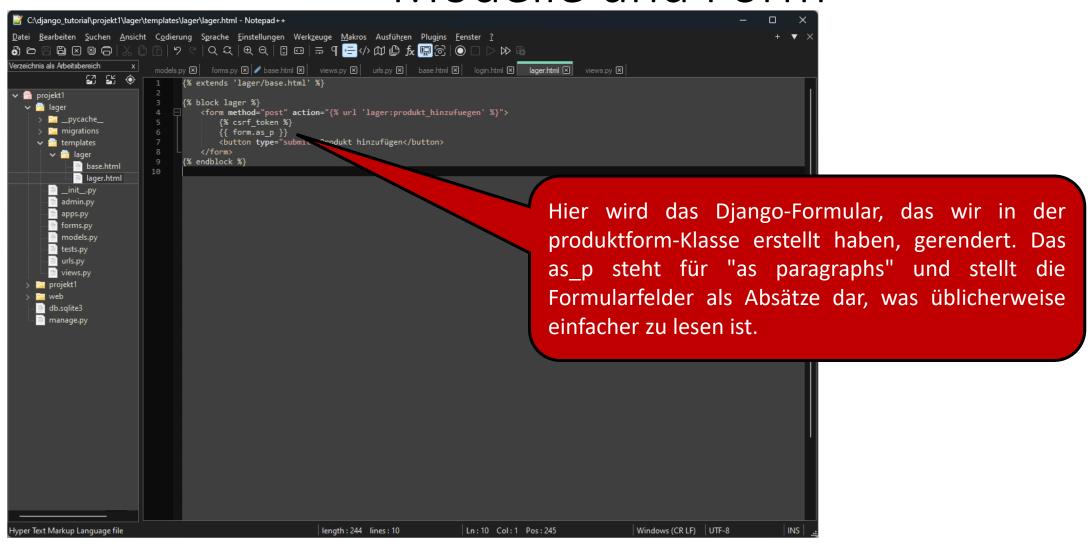


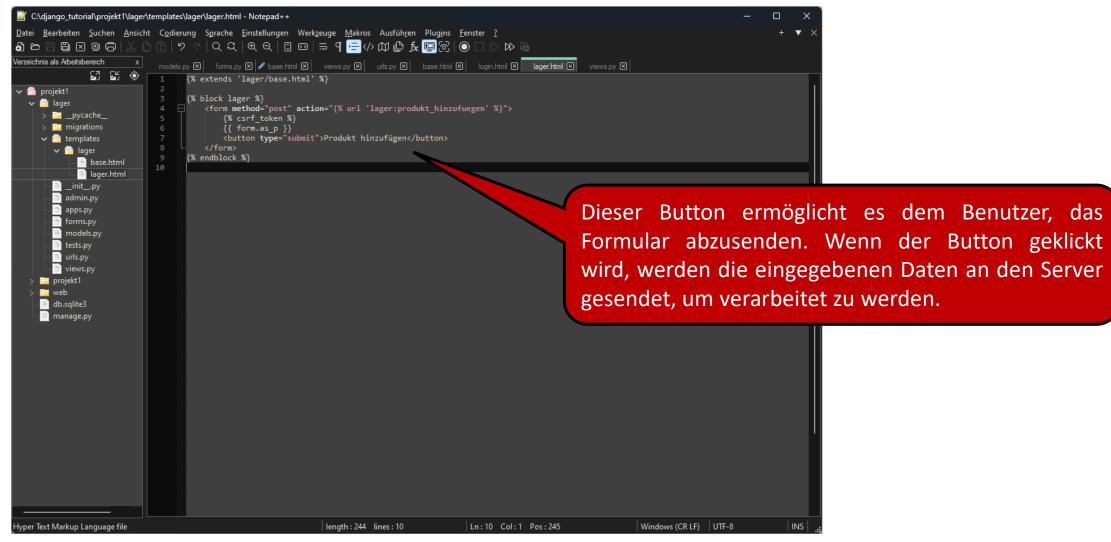


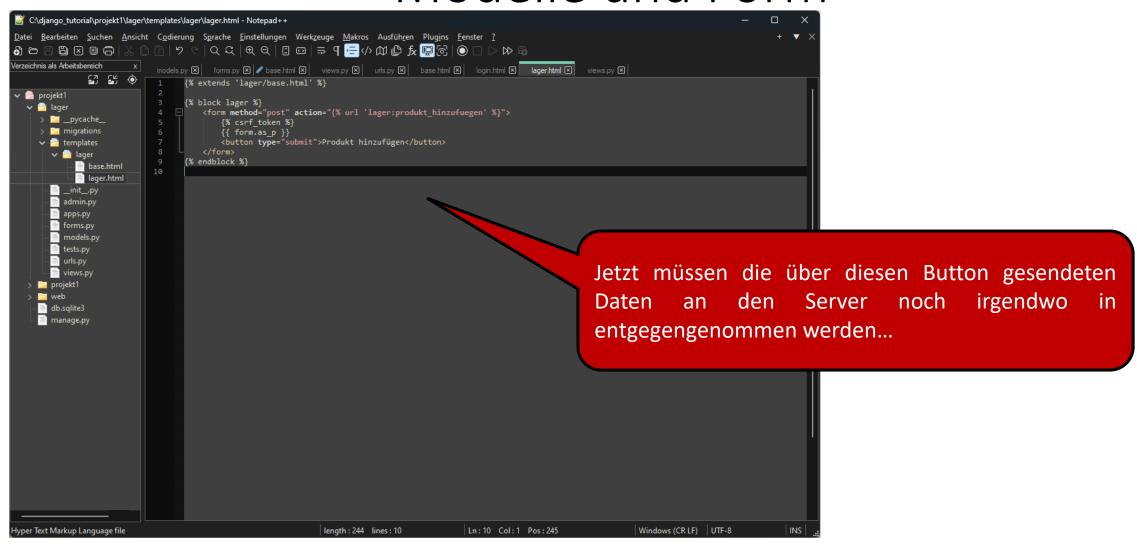


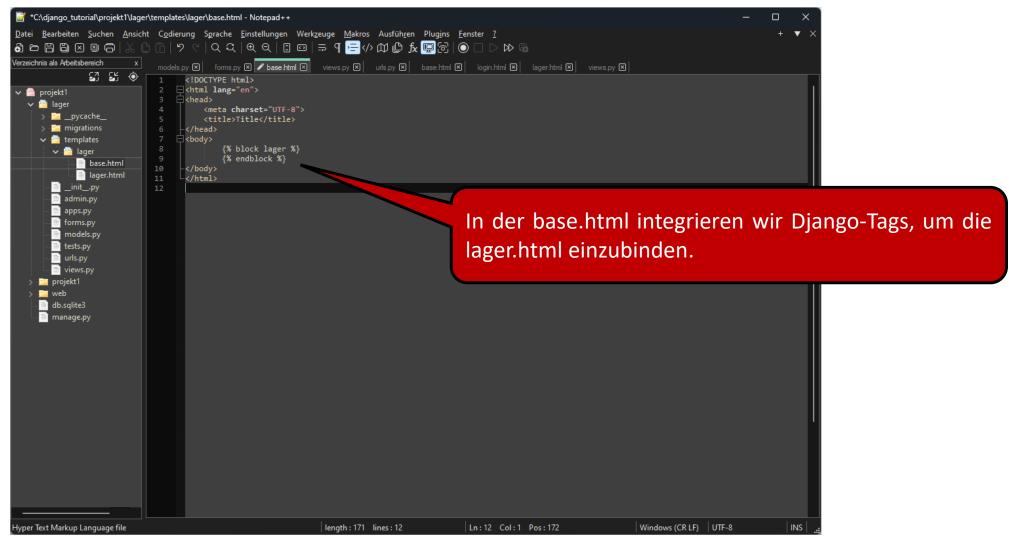


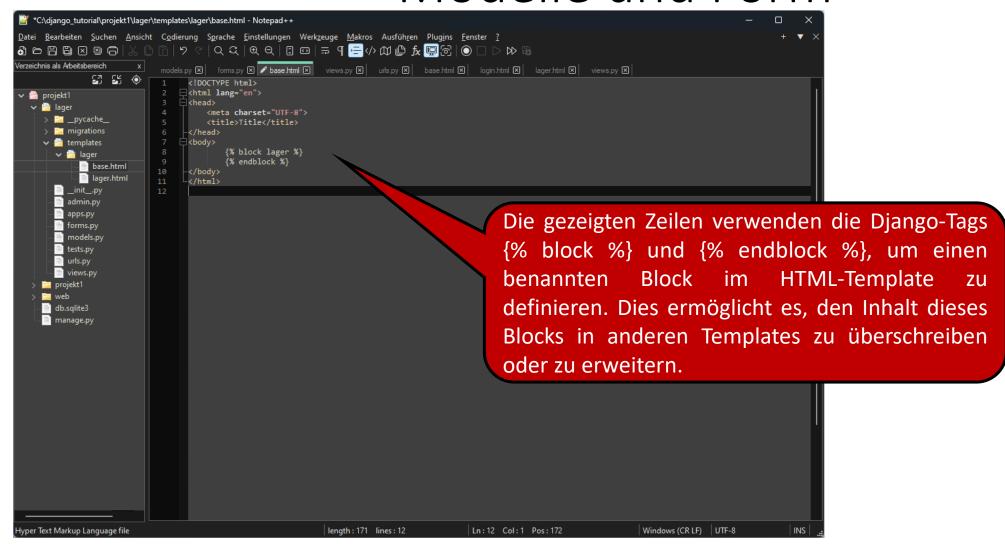


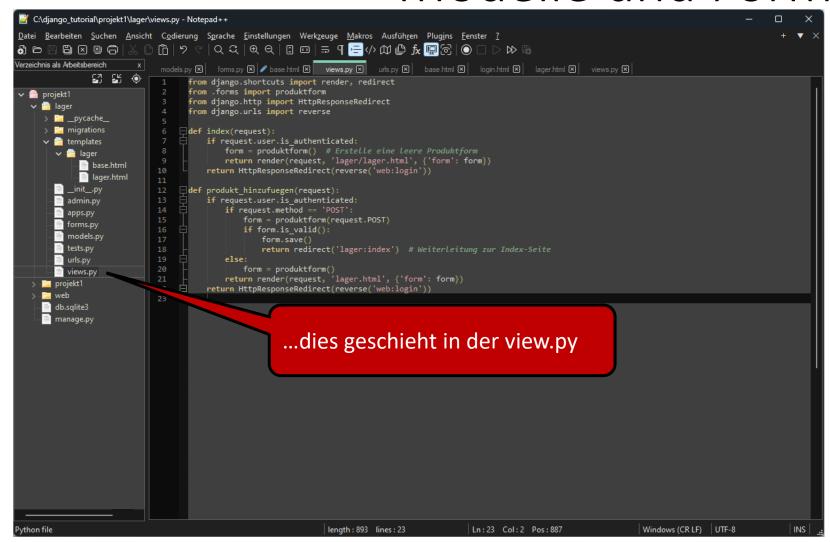


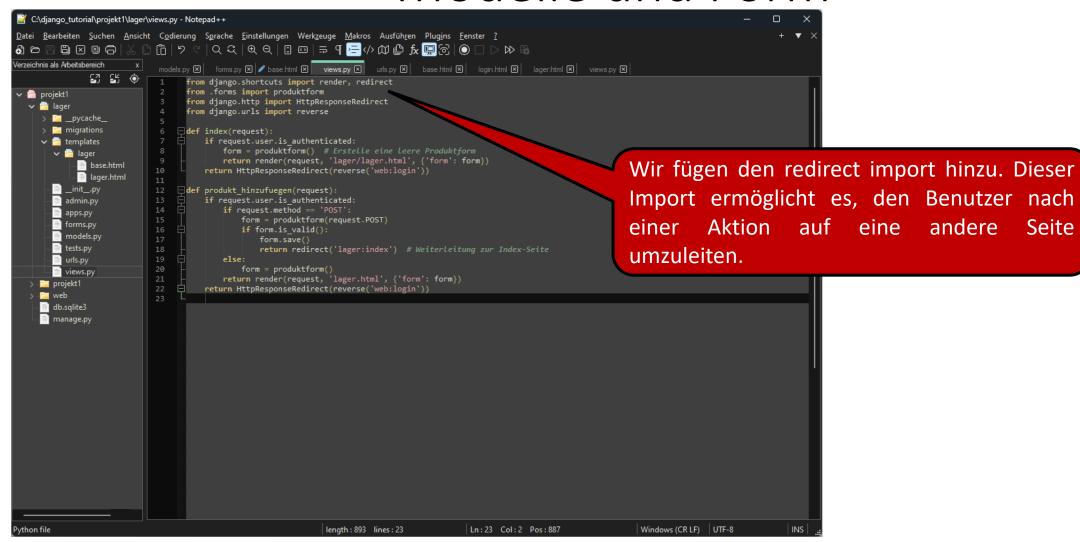




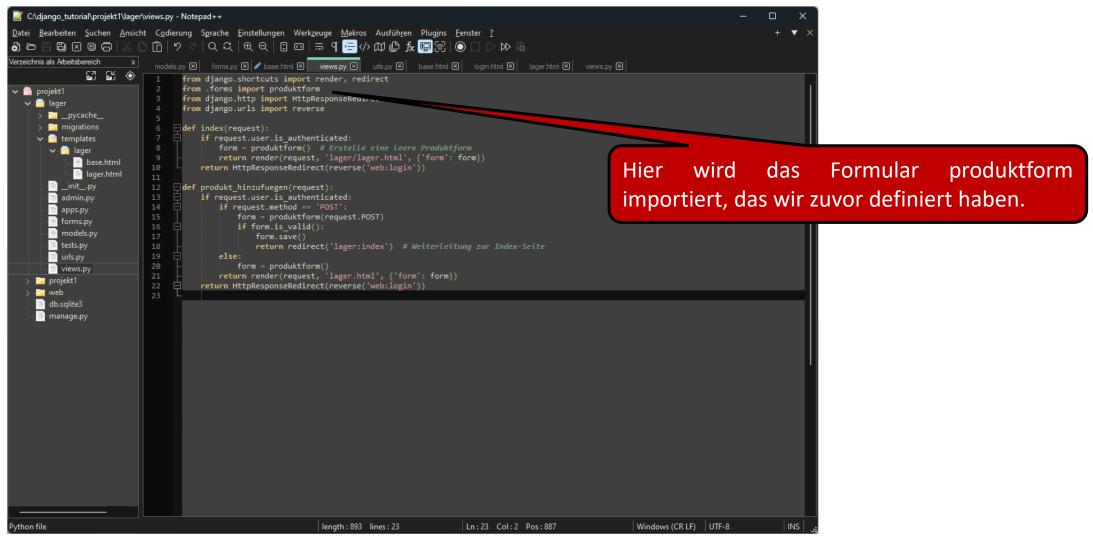


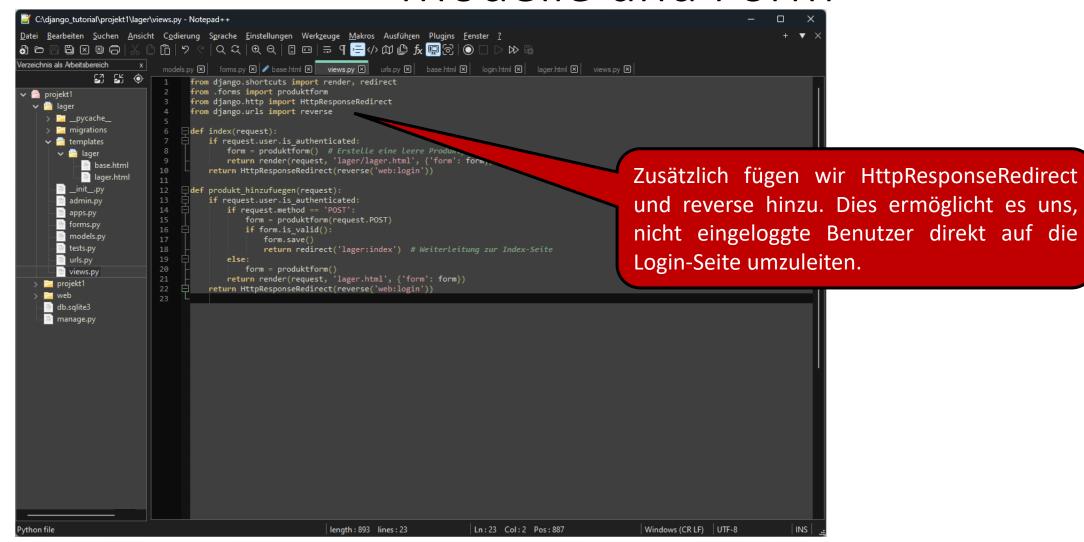


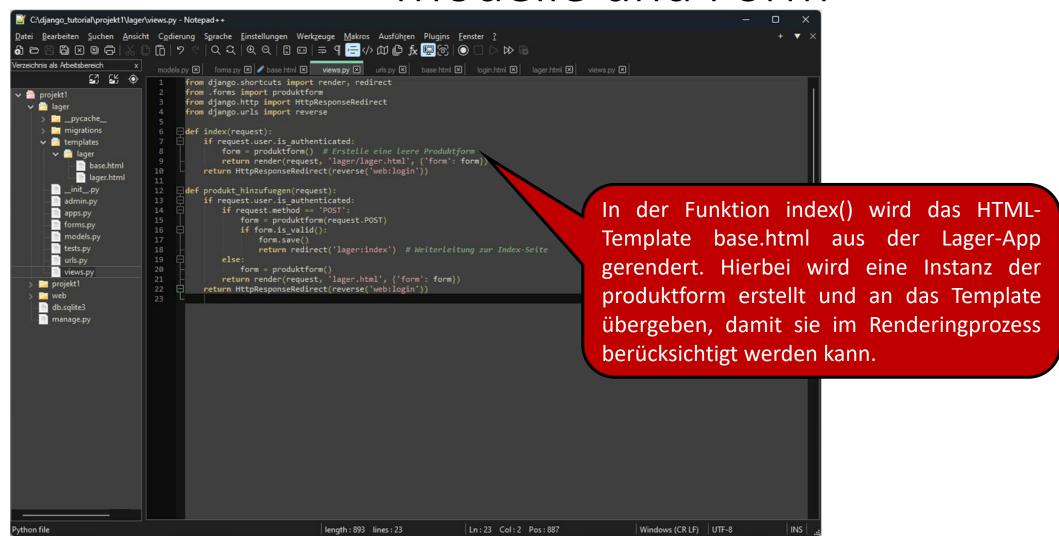


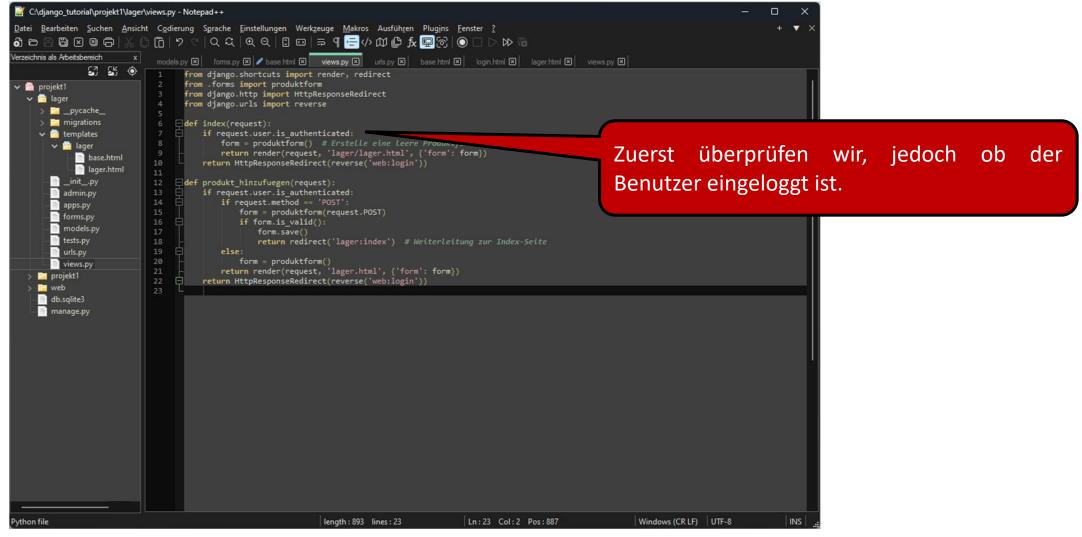


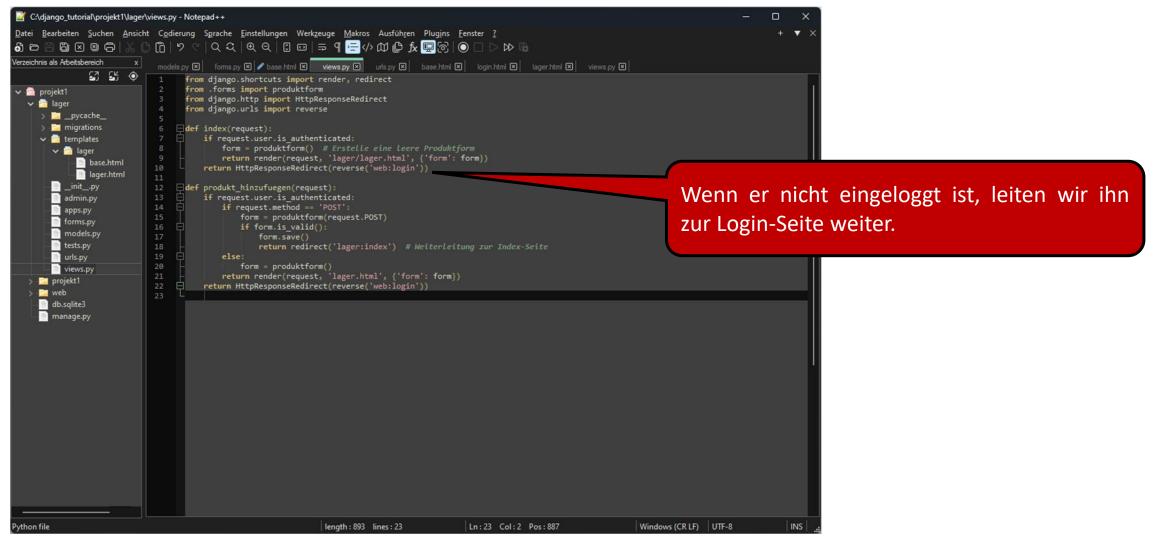
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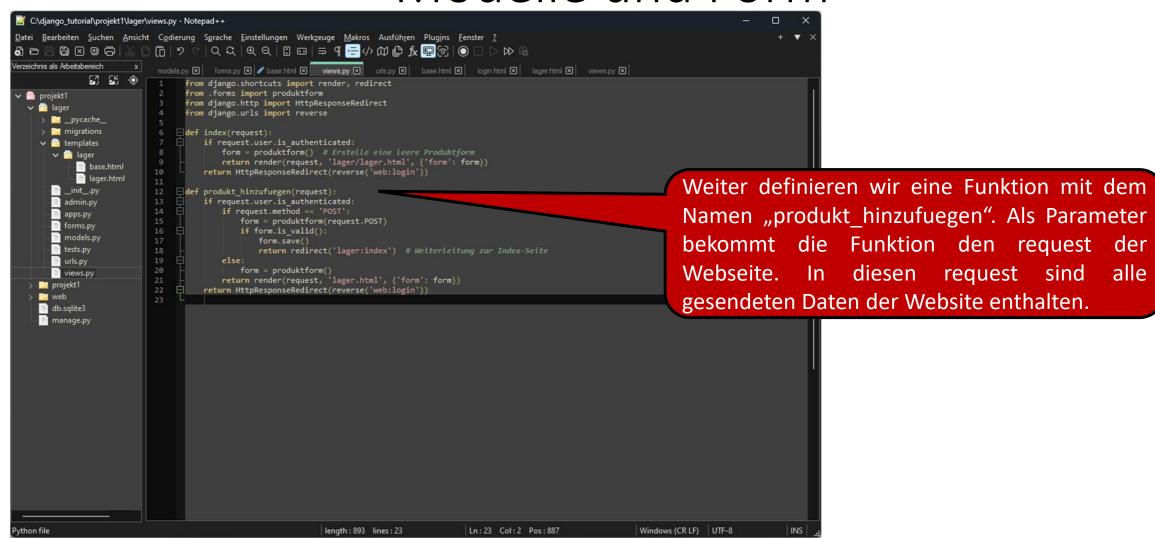


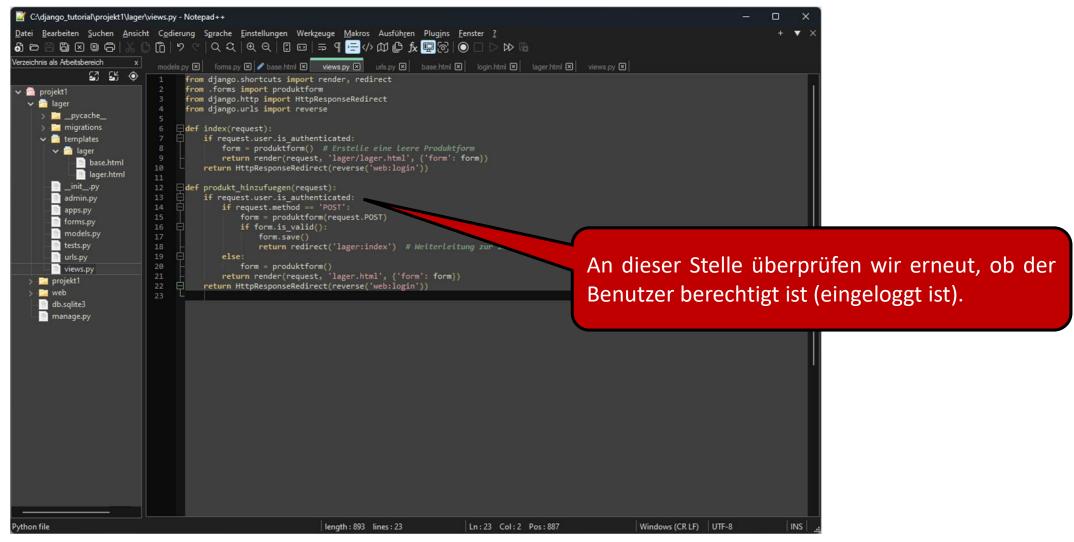


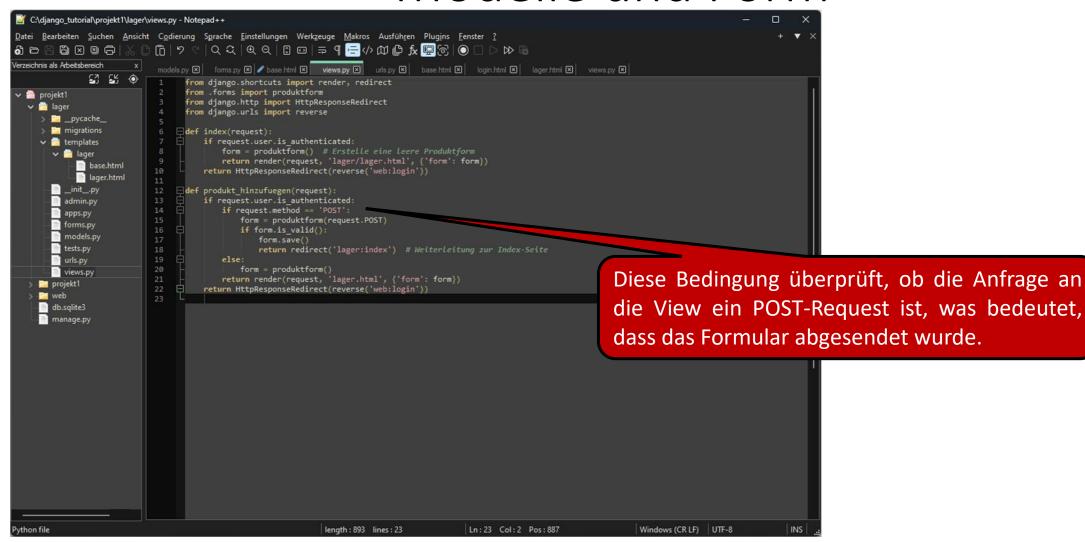


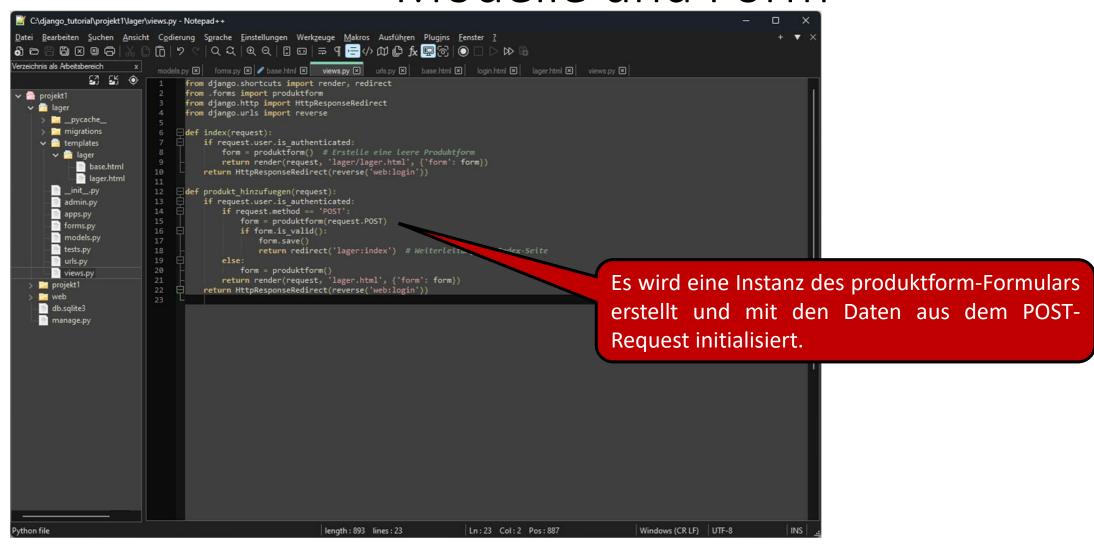


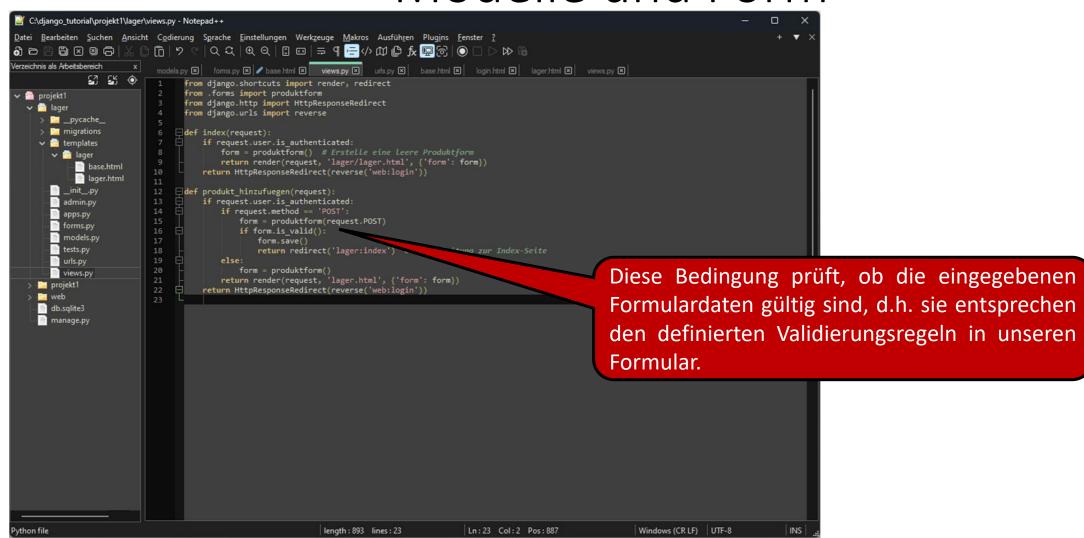


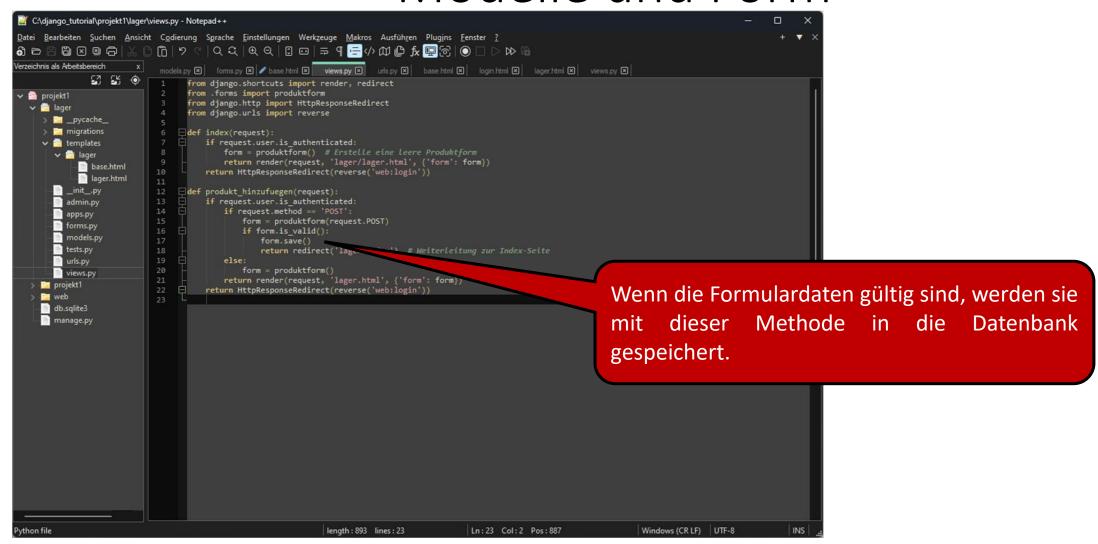


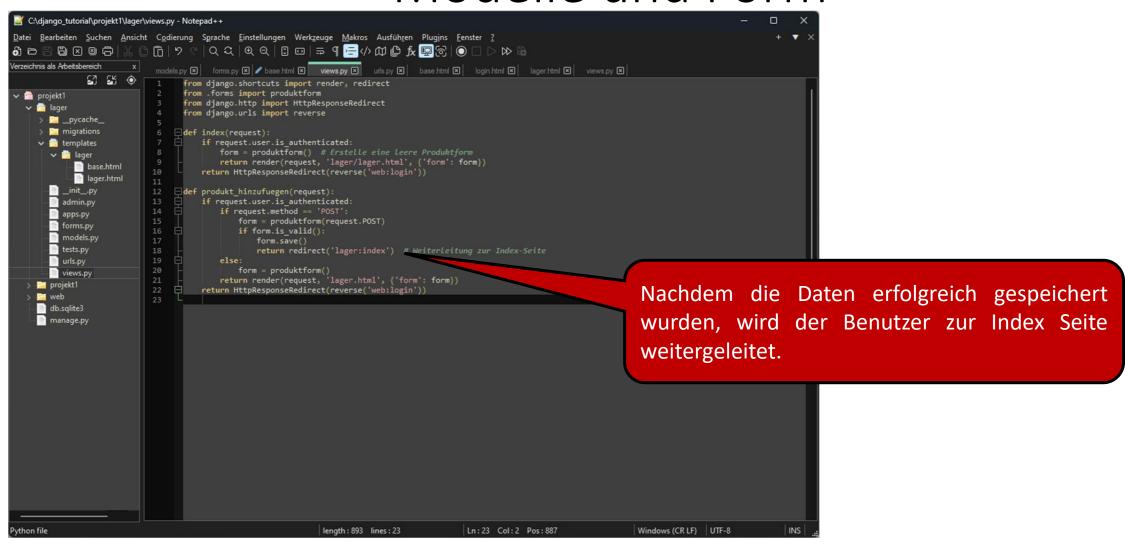


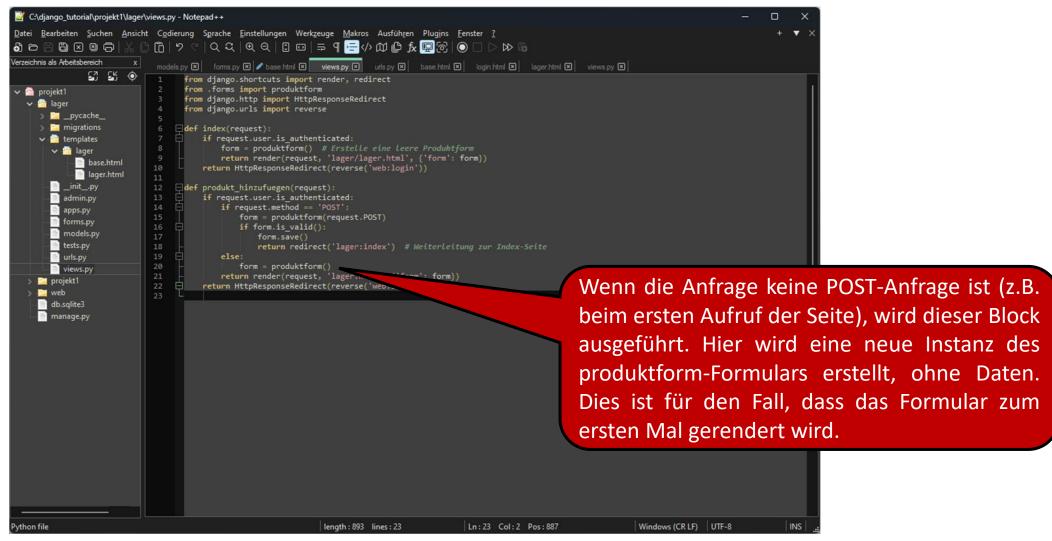


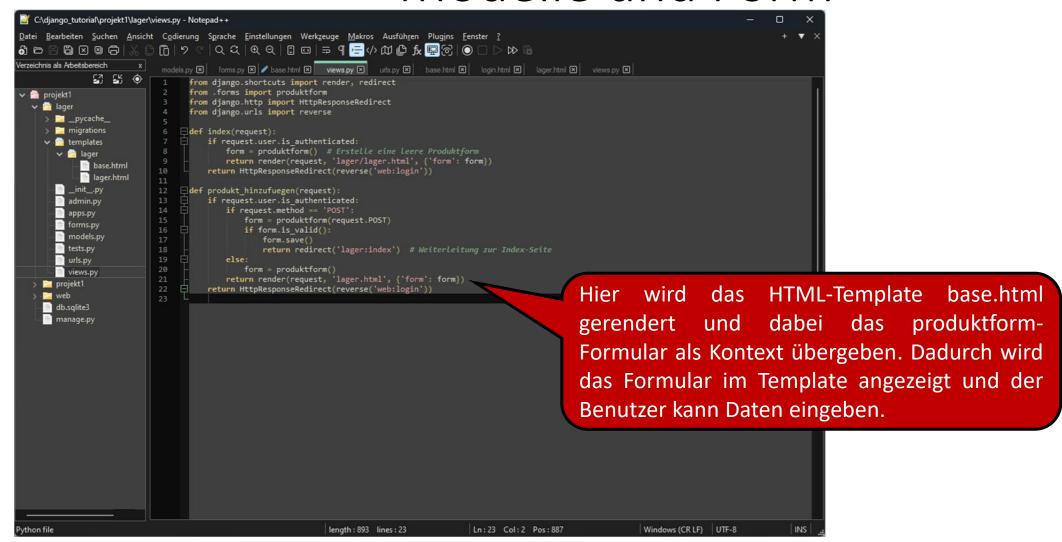


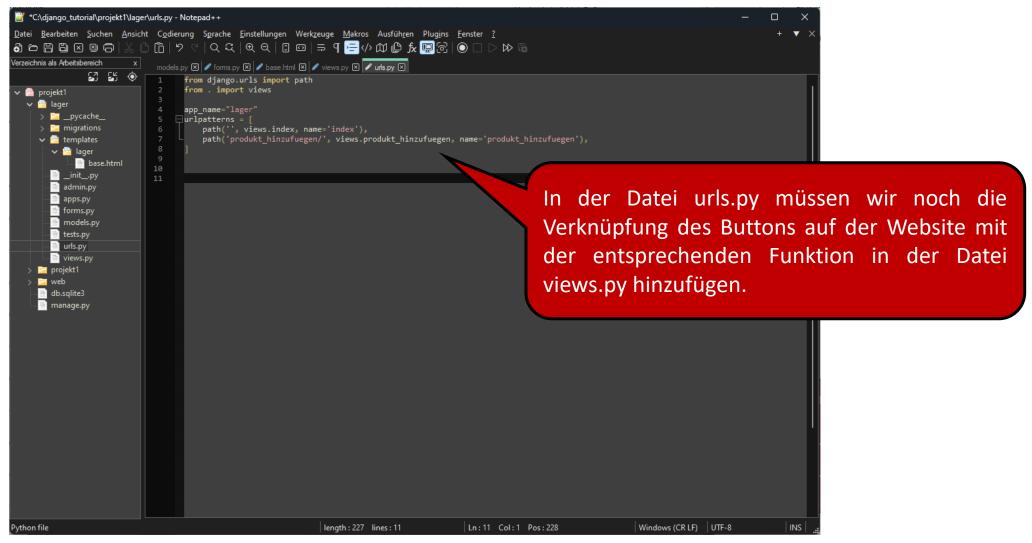


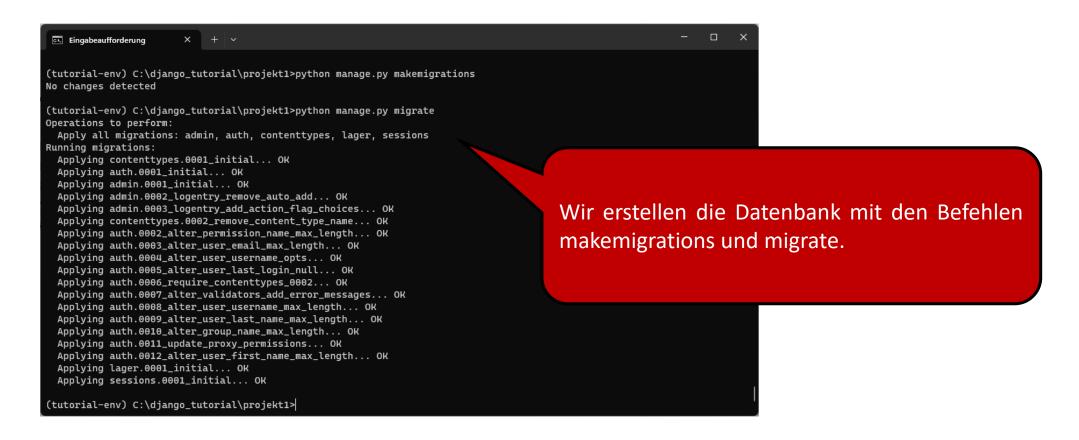






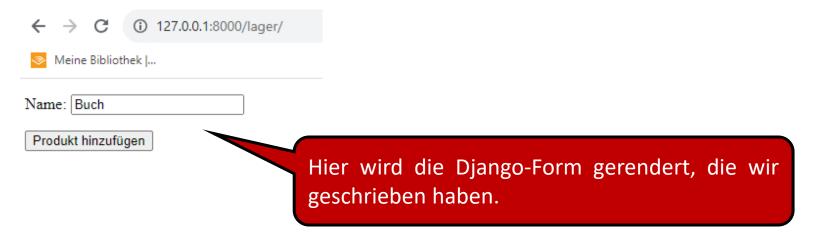


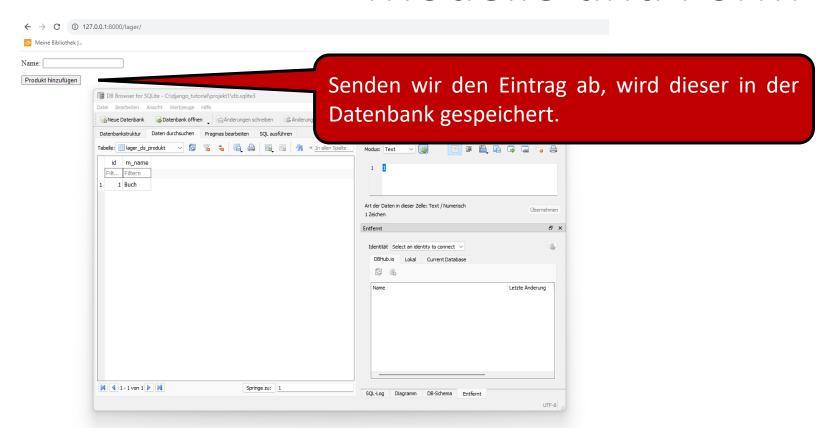


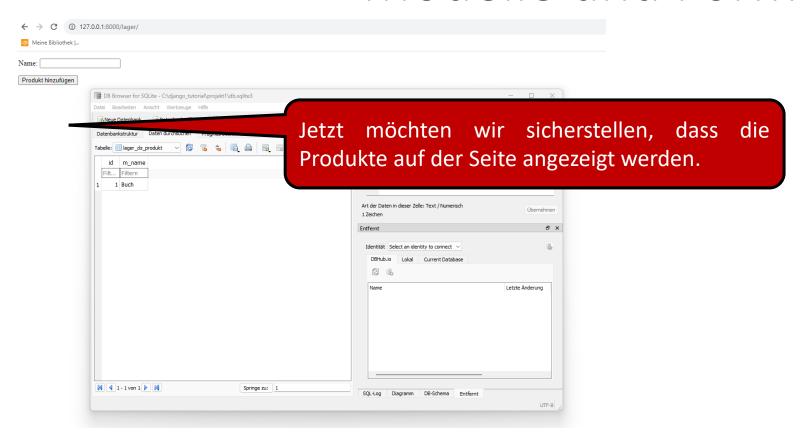


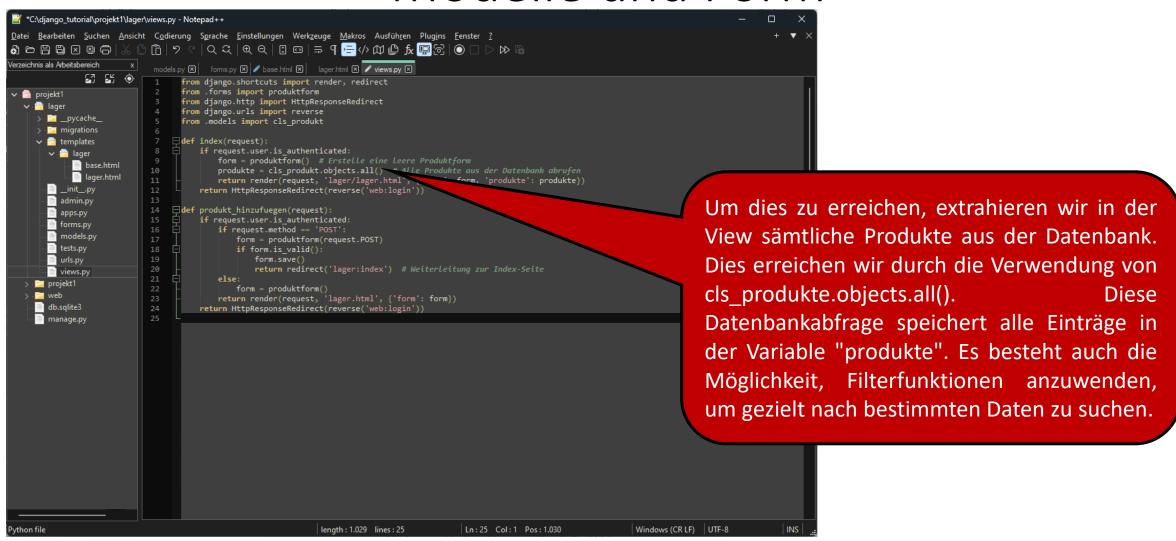


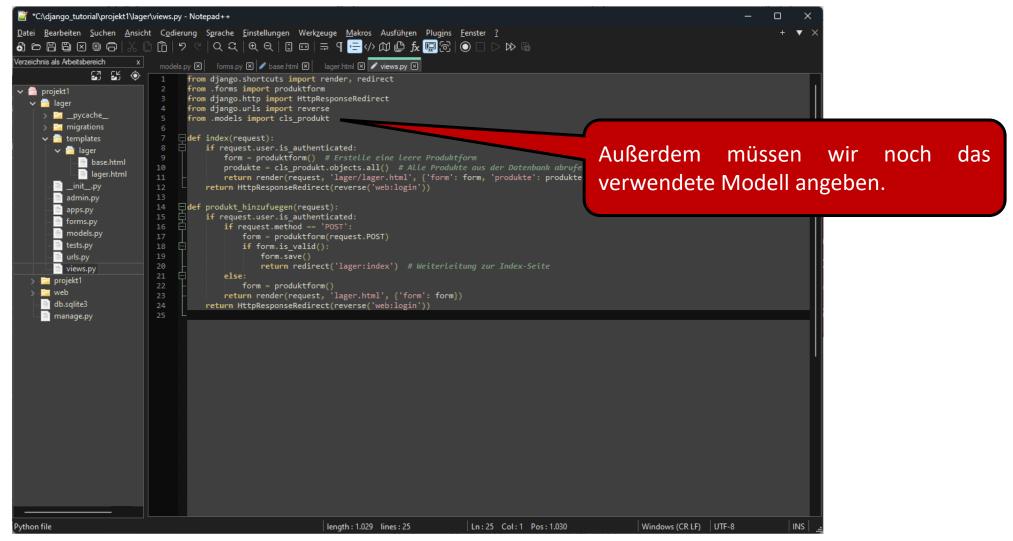
Wir rufen über diesen Link die base.html der lager App auf. (Wir haben leider noch keinen Hyperlink eingerichtet... 🙁)

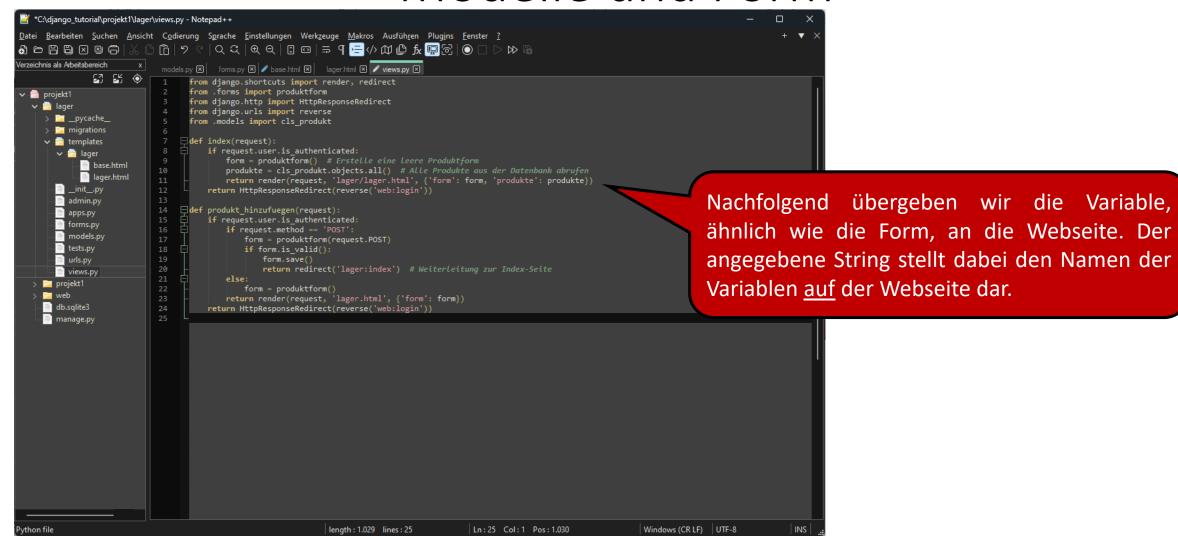


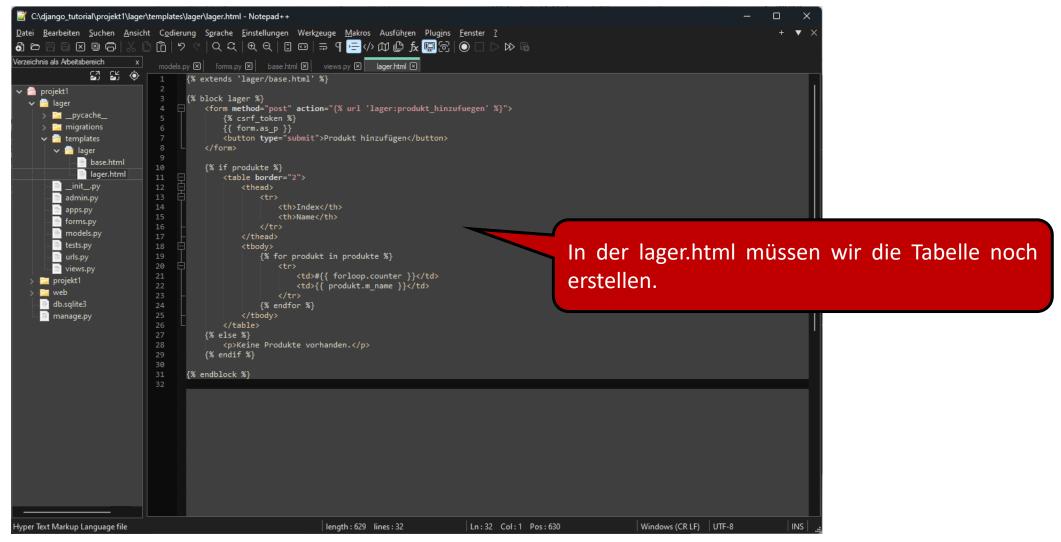


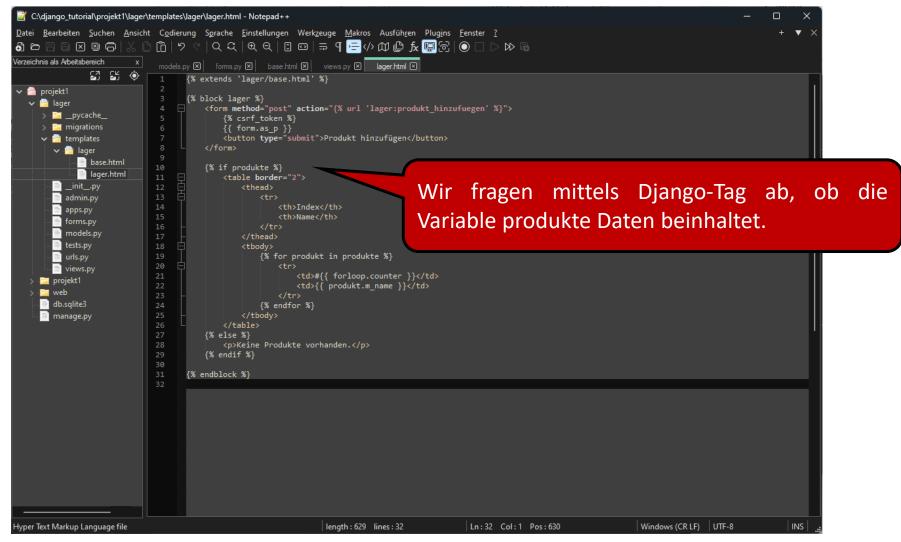


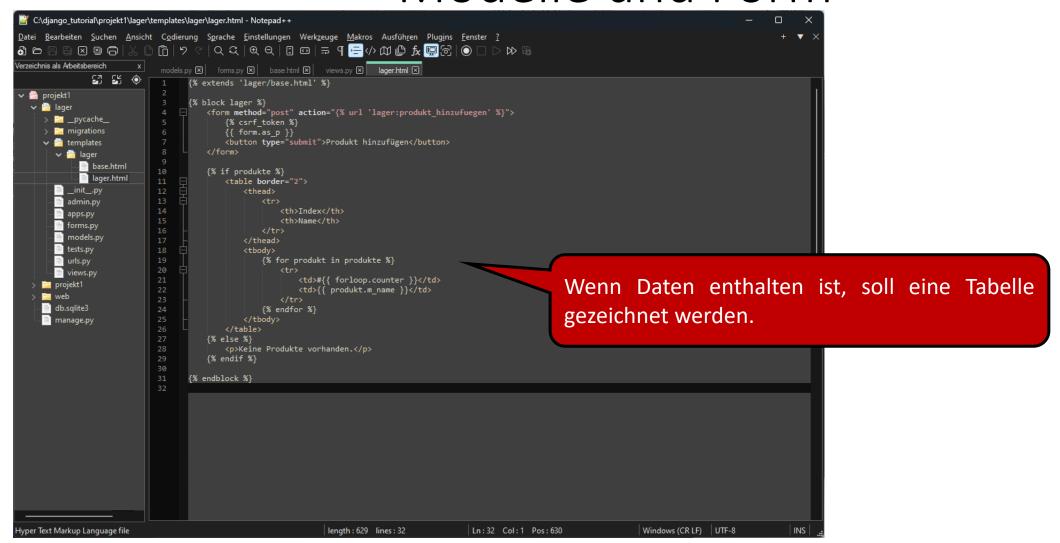


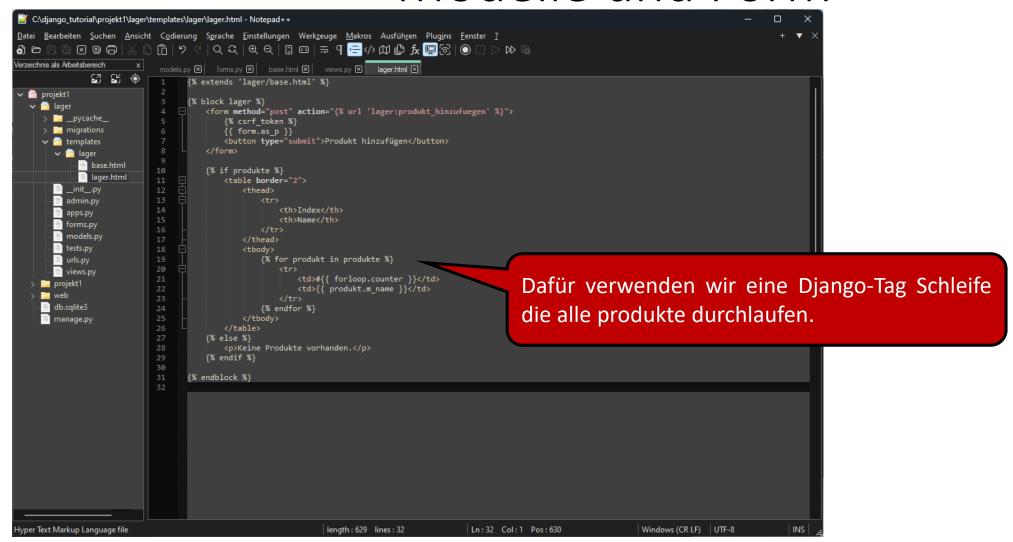


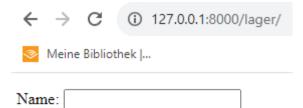












Produkt hinzufügen	
Index	Name
#1	Buch
#2	Computer
#3	Handy
#4	Schallplatte
#5	Kassette

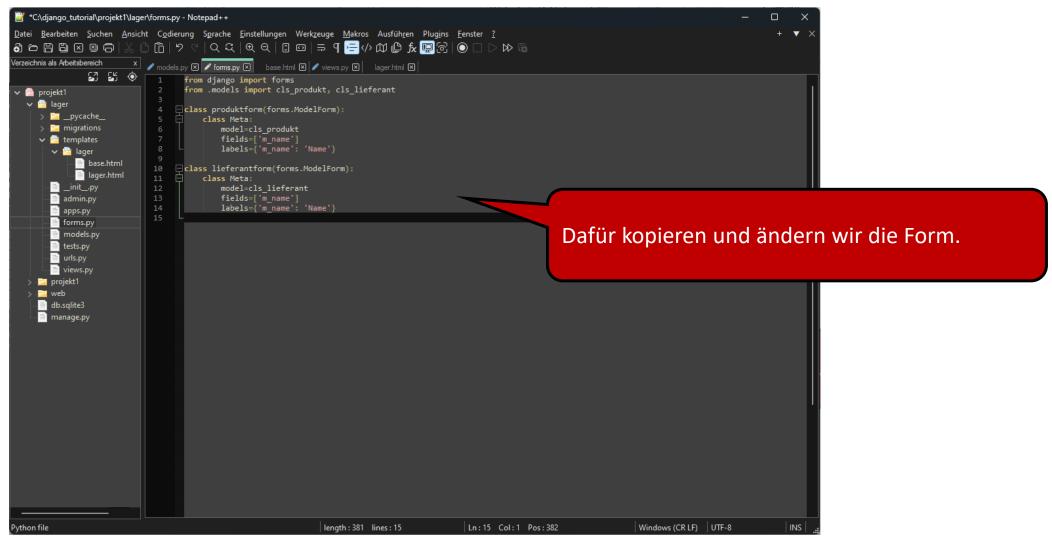
Die Einträge aus der Datenbank werden auf diese Weise angezeigt. Wenn dies nicht wie erwartet funktioniert, könnte dies auf Probleme im Browser-Cache hindeuten.

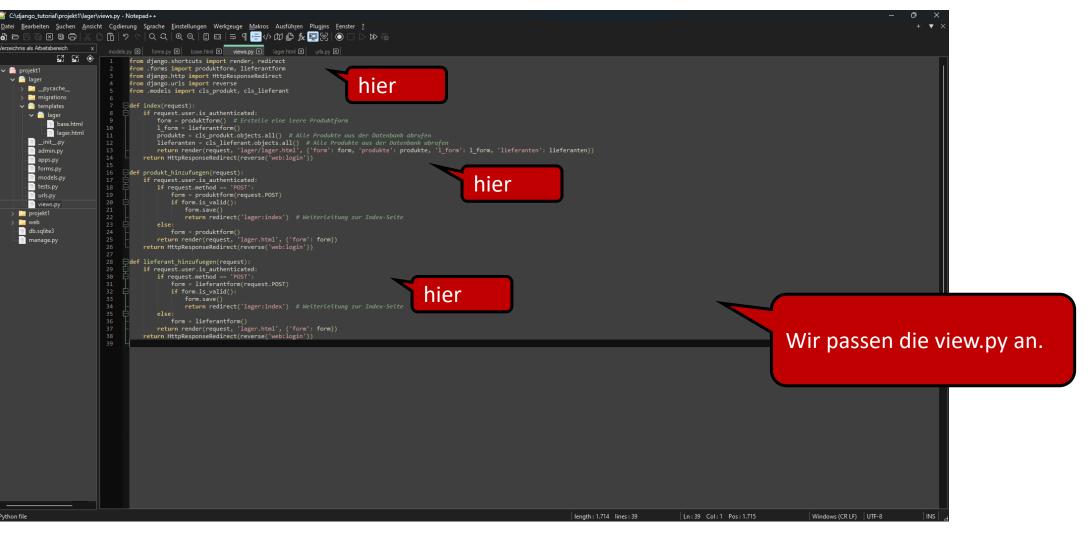


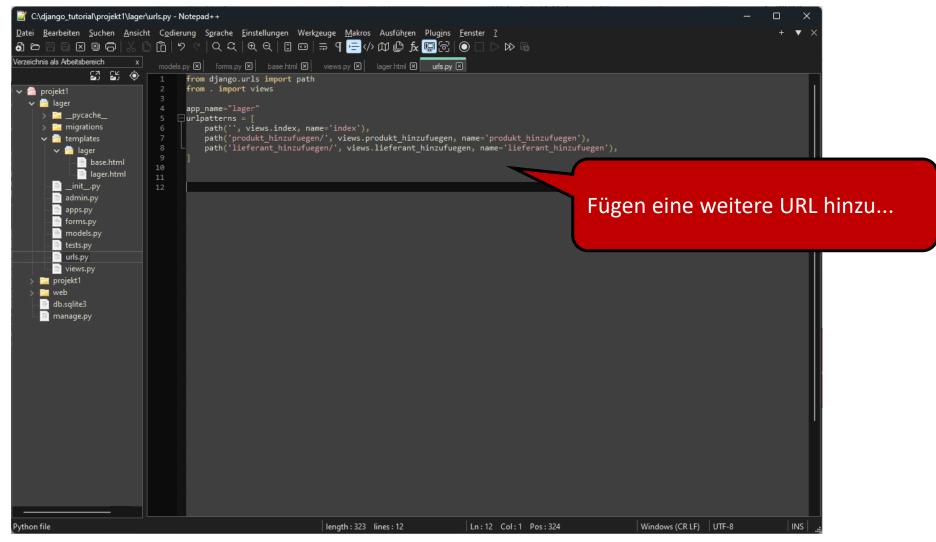
Produkt hinzufügen	
Index	Name
#1	Buch
#2	Computer
#3	Handy
#4	Schallplatte
#5	Kassette

Nun wollen wir noch ein Modell Lieferant hinzufügen. Sodass jedes Produkt einen Lieferanten besitzt.









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atei <u>B</u>earbeiten <u>S</u>uchen <u>A</u>nsicht C<u>o</u>dierung Sprache <u>E</u>instellungen Werkzeuge <u>M</u>akros Ausfüh<u>r</u>en Plugins <u>F</u>enster <u>?</u>
pereich x models.py ⊠ forms.py ⊠ base.html ⊠ ✓ views.py ⊠ lager.html ⊠ urls.py ⊠
          S3 S5 💠
                    1 {% extends 'lager/base.html' %}
🗸 🤮 projekt1
                         _i__pycache_
                              {{ 1_form.as_p }}
<button type="submit">Lieferant hinzufügen</button>
    v 🦳 lager
                           init_.py
                                      Name
    models.py
tests.py
urls.py
                                                                                                                            ...und die lager.html wird angepasst.
                                        #{{ forloop.counter }}
{{ lieferant.m_name }}
   projekt1
  web
db.sqlite3
manage.py
                            Name
                                        #{{ forloop.counter }}
#{{ forloop.counter }}

{% else %}

%eine Produkte vorhanden.
{% endif %}
                         {% endblock %}
                                                                                                                                     Ln:59 Col:1 Pos:1.207
                                                                                                                                                               Windows (CR LF) UTF-8
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1	informat	hinzufügen
	leterant	hinzutuden

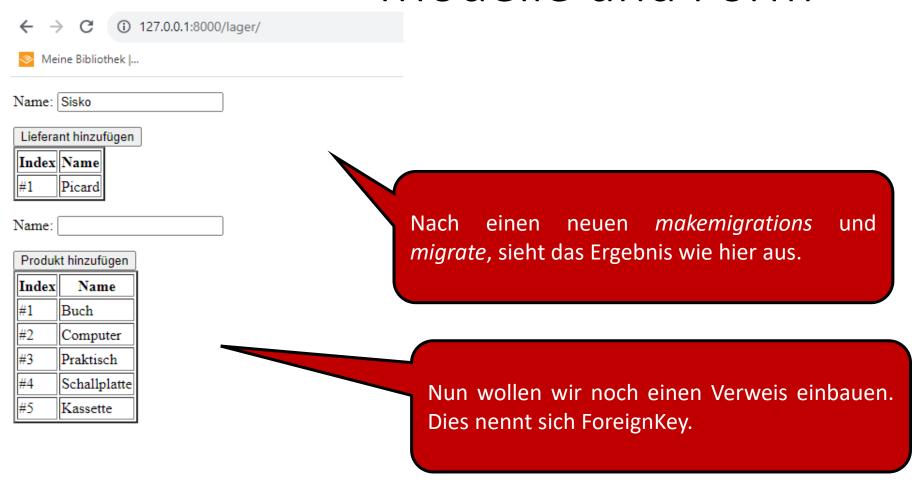
Index	Name	
#1	Picard	

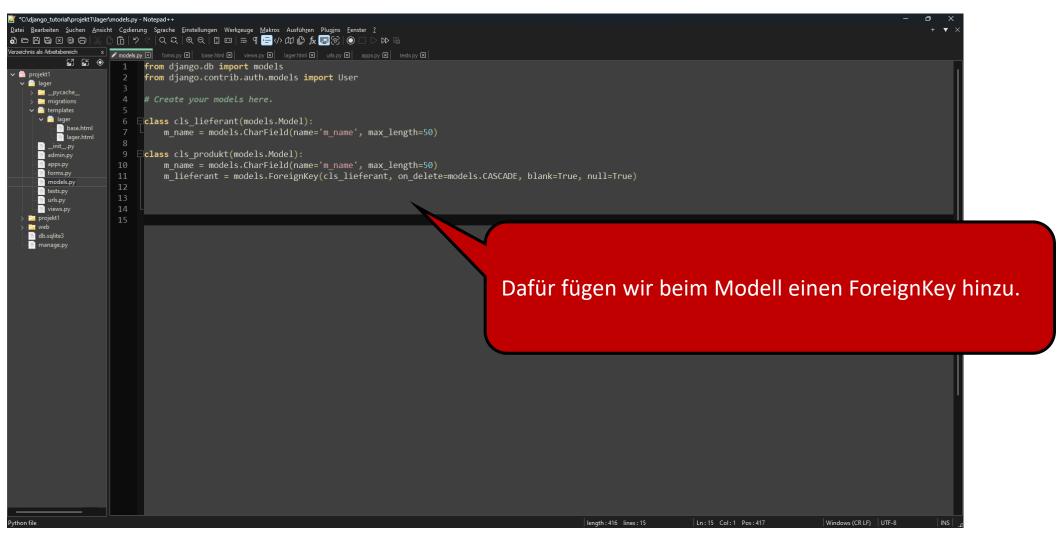
Name:

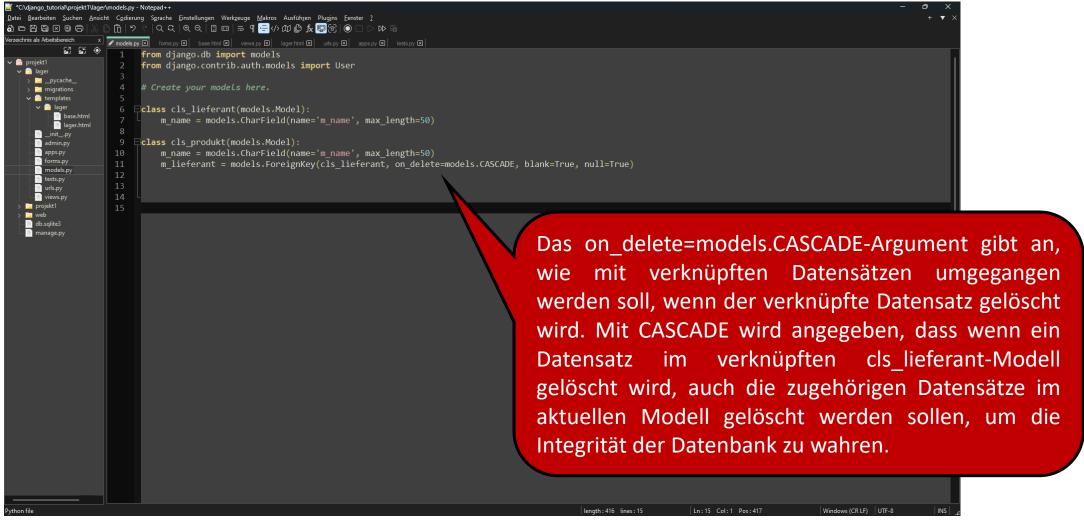
Produkt hinzufügen

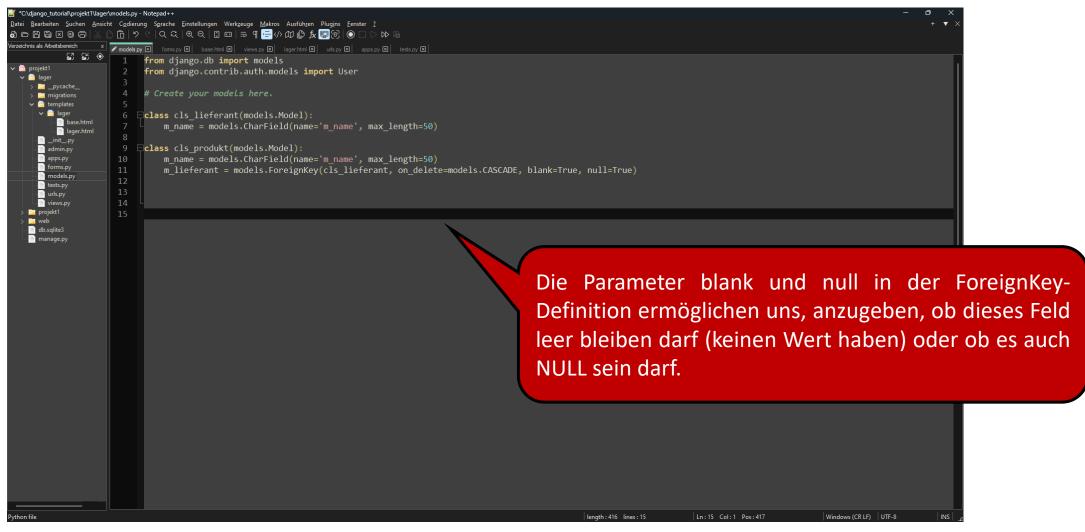
Index	Name
#1	Buch
#2	Computer
#3	Praktisch
#4	Schallplatte
#5	Kassette

Nach einen neuen *makemigrations* und *migrate*, sieht das Ergebnis wie hier aus.









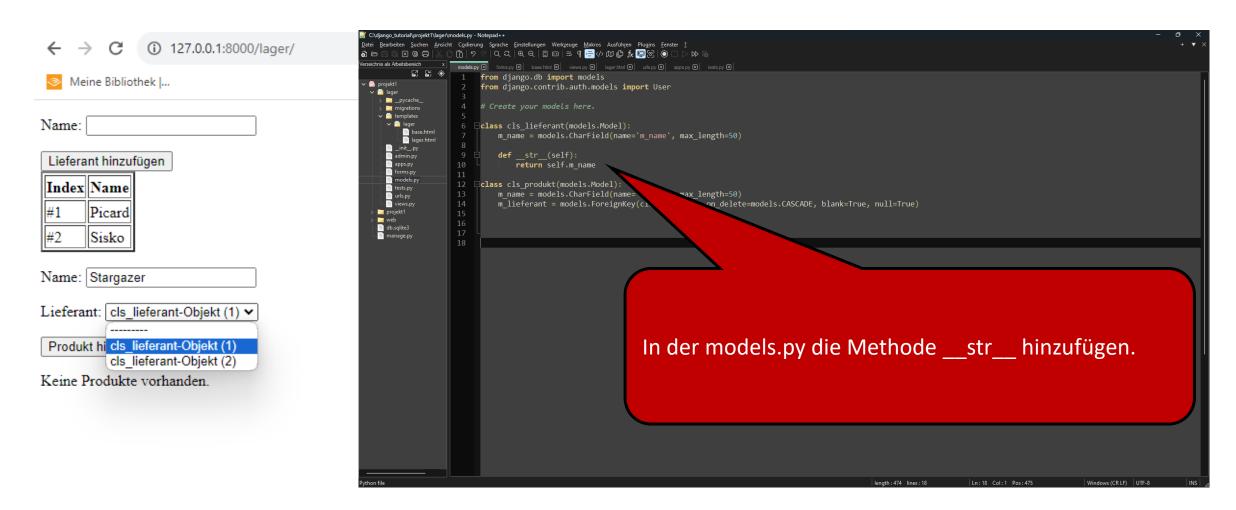


← → C ① 127.0.0.1:8000/lager/		
Meine Bibliothek		
Name:		
Lieferant hinzufügen		
Keine Lieferanten vorhanden.		
Name:		
Lieferant:		
Produkt hinzufügen		
Keine Produkte vorhanden.		

Wir löschen die Datenbank und legen diese neu an.

← → C ① 127.0.0.1:8000/lager/	
Meine Bibliothek	
Name:	
Lieferant hinzufügen Index Name #1 Picard #2 Sisko	
Name: Lieferant:	Anschließend legen wir ein paar Lieferanten an
Produkt hinzufügen Keine Produkte vorhanden.	

← → C ① 127.0.0.1:8000/lager/	
Meine Bibliothek	
Name:	
Lieferant hinzufügen Index Name #1 Picard #2 Sisko	
Name: Stargazer	
Lieferant: cls_lieferant-Objekt (1) Produkt hi cls_lieferant-Objekt (1) cls_lieferant-Objekt (2)	Leider werden uns die Lieferanten nicht als Text angezeigt. Dies können wir ändern, indem wir
Keine Produkte vorhanden.	



← → C ① 127.0.0.1:8000/lager/	
Meine Bibliothek	
Name:	
Lieferant hinzufügen Index Name #1 Picard #2 Sisko	
Name:	
Produkt hi Picard Index Name Lieferant #1 Stargazer Picard #2 Enterprice Picard #3 Defiant Sisko	Damit können wir jetzt den ForeignKey verwenden.

← → G	① 127.0.0.1:8000/lager/	
Meine Biblioth	nek	
Name:		
Lieferant hinzufü Index Name #1 Picard #2 Sisko	igen	
		Neben dem ForeignKey gibt es auch das ManyToMany- Feld, das es ermöglicht, mehrere Beziehungen zu verwalten.