

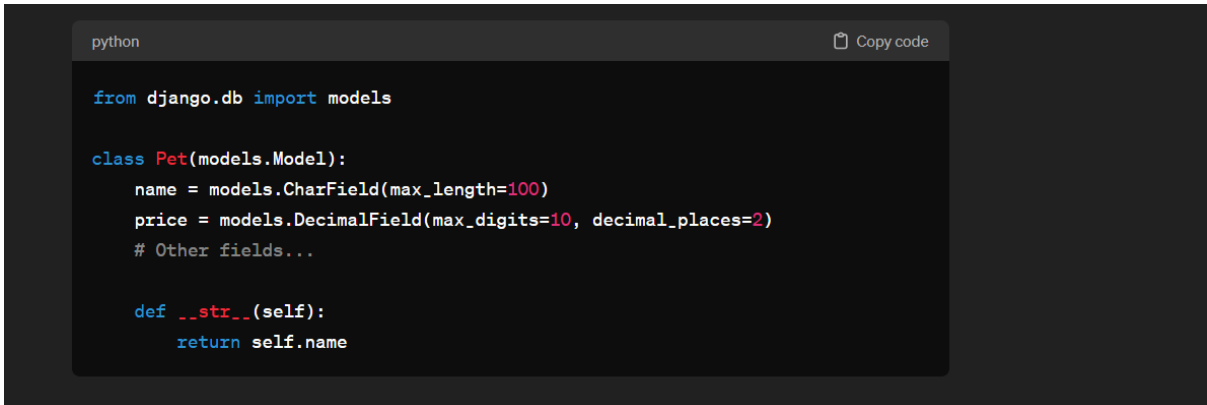
To create a lookup field in a Django project to fetch a list of pets with a price greater than 5000RS, you would typically follow these steps:

1. **Define the Model:** Ensure you have a model representing pets in your Django project's `models.py` file.
2. **Add a Manager Method:** Define a custom manager method to filter pets based on the price condition.
3. **Use the Lookup Field:** Use the custom manager method to fetch the list of expensive pets in your views or wherever you need to access this data.

Here's an example implementation:

1. **Define the Model:**

In your `models.py` file:

A screenshot of a code editor with a dark theme. The editor has a tab labeled 'python' and a 'Copy code' button. The code defines a Django model named 'Pet'.

```
python                                                                    Copy code

from django.db import models

class Pet(models.Model):
    name = models.CharField(max_length=100)
    price = models.DecimalField(max_digits=10, decimal_places=2)
    # Other fields...

    def __str__(self):
        return self.name
```

2. **Add a Manager Method:**

Add a custom manager method to filter pets with a price greater than 5000RS:

```
python Copy code

from django.db import models

class ExpensivePetManager(models.Manager):
    def get_queryset(self):
        return super().get_queryset().filter(price__gt=5000)

class Pet(models.Model):
    name = models.CharField(max_length=100)
    price = models.DecimalField(max_digits=10, decimal_places=2)
    # Other fields...

    expensive_pets = ExpensivePetManager()

    def __str__(self):
        return self.name
```

3. Use the Lookup Field:

You can now use the **expensive_pets** manager method to fetch the list of expensive pets:

```
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from .models import Pet

# Example usage in views
def view_expensive_pets(request):
    expensive_pets = Pet.expensive_pets.all()
    # Process and return expensive_pets
```

This will give you a list of pets with prices greater than 5000RS whenever you call **Pet.expensive_pets.all()**.