

EX10:Online Book Store Using Django

View.py

```
from django.shortcuts import render
from .models import Data

# Create your views here.
def index(request):
    if request.method == "POST":
        b_name = request.POST['b_name']
        b_number = request.POST['b_number']
        data = Data.objects.create(book_name = b_name,book_number = b_number)
        data_read = Data.objects.filter().all()
        Data.objects.filter(book_name = "Book1").update(book_number=12)
        Data.objects.filter(book_name = "Book3").delete()
        return render(request,"index.html",{ 'data_read':data_read})
    return render(request,"index.html")
```

Admin.py

```
from django.contrib import admin
from .models import Data
admin.site.register(Data)
```

Models.py

```
from django.db import models
# Create your models here.
class Data(models.Model):
    book_name = models.CharField(max_length=100)
    book_number = models.IntegerField()
    def __str__(self):
        return str(self.book_name)
```

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="" method="post">
        {% csrf_token %}
        <input type="text" name="b_name" placeholder="Enter Book Name" required>
        <input type="number" name="b_number" placeholder="Enter Book Number"
required>
        <input type="submit" value="submit">
    </form>
```

```

{% if data_read %}
    {% for i in data_read %}
        {{ i.book_name }}
        {{ i.book_number }}<br>
    {% endfor %}
{% endif %}
</body>
</html>

```

```

C:\Windows\System32\cmd.exe
main()
File "manage.py", line 18, in main
  execute_from_command_line(sys.argv)
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\core\management\__init__.py", line 419, in execute_from_command_line
  utility.execute()
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\core\management\__init__.py", line 395, in execute
  django.setup()
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\__init__.py", line 24, in setup
  apps.populate(settings.INSTALLED_APPS)
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\apps\registry.py", line 122, in populate
  app_config.ready()
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\contrib\admin\apps.py", line 27, in ready
  self.module.autodiscover()
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\contrib\admin\__init__.py", line 24, in autodiscover
  autodiscover_modules('admin', register_to=site)
File "C:\Program Files (x86)\Python37-32\lib\site-packages\django\utils\module_loading.py", line 47, in autodiscover_modules
  import_module('%s.%s' % (app_config.name, module_to_search))
File "C:\Program Files (x86)\Python37-32\lib\importlib\__init__.py", line 127, in import_module
  return _bootstrap._gcd_import(name[level:], package, level)
File "<frozen importlib._bootstrap>", line 1006, in _gcd_import
File "<frozen importlib._bootstrap>", line 983, in _find_and_load
File "<frozen importlib._bootstrap>", line 967, in _find_and_load_unlocked
File "<frozen importlib._bootstrap>", line 677, in _load_unlocked
File "<frozen importlib._bootstrap_external>", line 728, in exec_module
File "<frozen importlib._bootstrap>", line 219, in _call_with_frames_removed
File "C:\Users\20uad005\Desktop\New folder\project\app\admin.py", line 2, in <module>
  from models import Data
ModuleNotFoundError: No module named 'models'

C:\Users\20uad005\Desktop\New folder\project>py manage.py createsuperuser

You have 1 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): app.
Run 'python manage.py migrate' to apply them.
Username (leave blank to use '20uad005'): admin
Email address:
Password:
Password (again):
The password is too similar to the username.
This password is too short. It must contain at least 8 characters.
This password is too common.
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.

C:\Users\20uad005\Desktop\New folder\project>

```

Email - VETRI VENTH: x The install worked su: x You have successfully: x Select data to change: x Document x Google Drive x + -

← → 127.0.0.1:8000

Enter Book Name Enter Book Number

Book1 12
Book2 2
vetri 5
vetri 5
vetri 5
vetri 5

Activate Windows
Go to Settings to activate Windows.



