

PYTHON PROGRAMMING

1 MCA B - 2347244

The image shows a VS Code editor window with a terminal running Django setup commands. The terminal output is as follows:

```
PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> python -m venv myenv
PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> myenv\Scripts\activate
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> django-admin startproject myfirstproject
django-admin : The term 'django-admin' is not recognized as the name of a cmdlet, function, script file, or operable
program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:2
+ ~~~~~
+ ~~~~~
+ django-admin startproject myfirstproject
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (django-admin:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> pip install Django
Collecting Django
  Using cached Django-4.2.6-py3-none-any.whl (8.0 MB)
Collecting tzdata
  Using cached tzdata-2023.3-py2.py3-none-any.whl (341 kB)
Collecting sqlparse>=0.3.1
  Using cached sqlparse-0.4.4-py3-none-any.whl (41 kB)
Collecting asgiref<4,>=3.6.0
  Using cached asgiref-3.7.2-py3-none-any.whl (24 kB)
Collecting typing-extensions>=4
  Using cached typing_extensions-4.8.0-py3-none-any.whl (31 kB)
Installing collected packages: tzdata, typing-extensions, sqlparse, asgiref, Django
Successfully installed Django-4.2.6 asgiref-3.7.2 sqlparse-0.4.4 typing-extensions-4.8.0 tzdata-2023.3

[notice] A new release of pip is available: 23.0.1 -> 23.2.1
[notice] To update, run: python.exe -m pip install --upgrade pip
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> django-admin startproject myfirstproject
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> cd myfirstproject
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> django-admin startapp myapp
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK
  Applying sessions.0001_initial... OK
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> python manage.py createsuperuser
Username (leave blank to use 'rpdpn'): PAVITH
Email address: pavitharanigp@mca.christuniversity.in
Password:
Password (again):
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.
(myenv) PS C:\Users\rpdpn\Desktop\PROGRAMMING\PYTHON\LABWORKS\PYTHONEXAM\django1> python manage.py runserver
>>>
Matching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
October 11, 2023 - 10:10:05
Django version 4.2.6, using settings 'myfirstproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```


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127.0.0.1:5500/LABWORKS/PYTHONEXAM/django1/templates/myapp/home.html

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Welcome to SDG Project



This is the home page of our Sustainable Development Goals (SDG) project. We are working towards achieving SDG-4, Quality Education.

Join us in our mission to provide quality education for all.

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About SDG-4: Quality Education



SDG-4 aims to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. It recognizes that education is a fundamental human right and is essential for the development of individuals and societies.

Quality education helps break the cycle of poverty and leads to improved health, gender equality, peace, and economic growth.

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