

IT314: Software Engineering

Course Project Lab 5



Group: 15 Conference Management System

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202001154

Project chosen for static analysis:

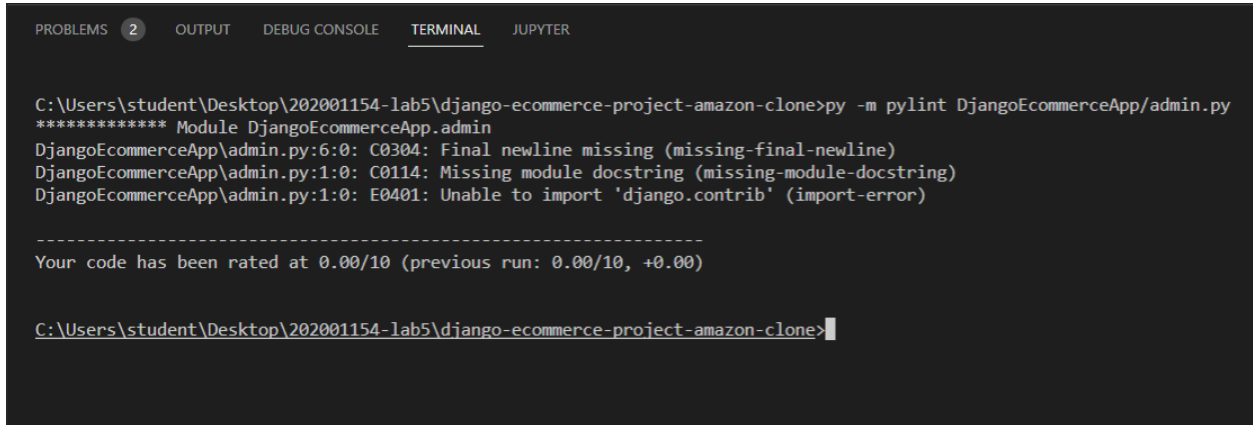
[GitHub - hackstarsj/django-ecommerce-project-amazon-clone](https://github.com/hackstarsj/django-ecommerce-project-amazon-clone)

Static analysis tool used:

Pylint

Test 1:

File name: DjangoEcommerceApp/admin.py



```
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/admin.py
***** Module DjangoEcommerceApp.admin
DjangoEcommerceApp\admin.py:6:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\admin.py:1:0: C0114: Missing module docstring (missing-module-docstring)
DjangoEcommerceApp\admin.py:1:0: E0401: Unable to import 'django.contrib' (import-error)

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Your code has been rated at 0.00/10 (previous run: 0.00/10, +0.00)

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>
```

Score received: 0.00/10

Suggestions provided by pylint:

DjangoEcommerceApp\admin.py:6:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\admin.py:1:0: C0114: Missing module docstring
(missing-module-docstring)
DjangoEcommerceApp\admin.py:1:0: E0401: Unable to import 'django.contrib' (import-error)

Test 2:

File name: DjangoEcommerceApp/adminurls.py

```
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/adminurls.py
***** Module DjangoEcommerceApp.adminurls
DjangoEcommerceApp\adminurls.py:33:0: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\adminurls.py:43:0: C0301: Line too long (110/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:48:0: C0301: Line too long (105/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:54:0: C0301: Line too long (109/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:55:0: C0301: Line too long (112/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:56:0: C0301: Line too long (110/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:57:0: C0301: Line too long (112/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:68:0: C0301: Line too long (105/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:70:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\adminurls.py:16:0: E0401: Unable to import 'django.contrib' (import-error)
DjangoEcommerceApp\adminurls.py:17:0: E0401: Unable to import 'django.urls' (import-error)
DjangoEcommerceApp\adminurls.py:20:0: E0401: Unable to import 'django.conf.urls.static' (import-error)
DjangoEcommerceApp\adminurls.py:20:0: C0411: third party import "from django.conf.urls.static import static" should be placed before "from DjangoEcommerceApp import views" (wrong-import-order)
DjangoEcommerceApp\adminurls.py:20:0: C0412: Imports from package django are not grouped (ungrouped-imports)
DjangoEcommerceApp\adminurls.py:16:0: W0611: Unused admin imported from django.contrib (unused-import)
DjangoEcommerceApp\adminurls.py:20:0: W0611: Unused static imported from django.conf.urls.static (unused-import)
DjangoEcommerceApp\adminurls.py:22:0: W0611: Unused settings imported from DjangoEcommerce (unused-import)

-----
Your code has been rated at 0.00/10

C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>
```

Score received: 0.00/10

Suggestions provided by pylint:

jangoEcommerceApp\adminurls.py:33:0: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\adminurls.py:43:0: C0301: Line too long (110/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:48:0: C0301: Line too long (105/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:54:0: C0301: Line too long (109/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:55:0: C0301: Line too long (112/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:56:0: C0301: Line too long (110/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:57:0: C0301: Line too long (112/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:68:0: C0301: Line too long (105/100) (line-too-long)
DjangoEcommerceApp\adminurls.py:70:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\adminurls.py:16:0: E0401: Unable to import 'django.contrib' (import-error)
DjangoEcommerceApp\adminurls.py:17:0: E0401: Unable to import 'django.urls' (import-error)
DjangoEcommerceApp\adminurls.py:20:0: E0401: Unable to import 'django.conf.urls.static' (import-error)

DjangoEcommerceApp\adminurls.py:20:0: C0411: third party import "from django.conf.urls.static import static" should be placed before "from DjangoEcommerceApp import views"
(wrong-import-order)

DjangoEcommerceApp\adminurls.py:20:0: C0412: Imports from package django are not grouped
(ungrouped-imports)

DjangoEcommerceApp\adminurls.py:16:0: W0611: Unused admin imported from django.contrib
(unused-import)

DjangoEcommerceApp\adminurls.py:20:0: W0611: Unused static imported from
django.conf.urls.static (unused-import)

DjangoEcommerceApp\adminurls.py:22:0: W0611: Unused settings imported from
DjangoEcommerce (unused-import)

Test 3:

File name: DjangoEcommerceApp/adminurls.py

After removing unused imports and installing django

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/adminurls.py
***** Module DjangoEcommerceApp.adminurls
DjangoEcommerceApp\adminurls.py:22:0: W0611: Unused settings imported from DjangoEcommerce (unused-import)

-----
Your code has been rated at 8.00/10 (previous run: 0.00/10, +8.00)

C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/adminurls.py

-----
Your code has been rated at 10.00/10 (previous run: 8.00/10, +2.00)

C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>
```

Score received: 10.00/10

Suggestions provided by pylint:

Noi suggestions provided

Test 4:

File name: DjangoEcommerceApp/AdminViews.py

```
File Edit Selection View Go Run Terminal Help
AdminViews.py - 202001154-lab5 - Visual Studio Code

EXPLORER
202001154-LAB5
  django-ecommerce-project-a...
    > __pycache__
    > DjangoEcommerce
    > DjangoEcommerceApp
      > __pycache__
      > migrations
      > static
      > templates
      > __init__.py
      > admin.py
      > adminurls.py
      > AdminViews.py
      > apps.py
      > models.py
      > tests.py
      > views.py
    > media
    > screenshots
    > static
    > db.sqlite3
    > DjangoEcommerce.pptx
    > manage.py
    > README.md

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Your code has been rated at 10.00/10 (previous run: 8.00/10, +2.00)

C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>py -m pylint DjangoEcommerceApp.py
***** Module DjangoEcommerceApp.py
DjangoEcommerceApp.py:1:0: F8001: No module named DjangoEcommerceApp.py (fatal)

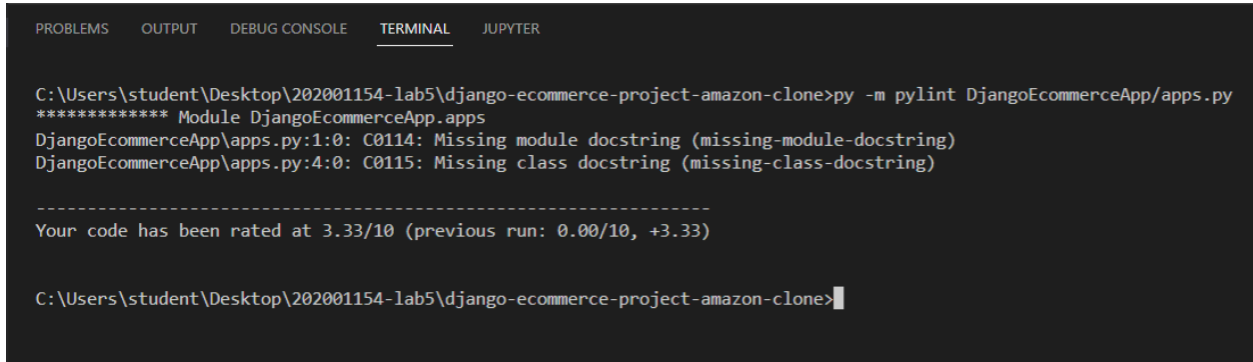
C:\Users\student\Desktop\202001154-lab5\django-ecommerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/AdminViews.py
***** Module DjangoEcommerceApp.AdminViews
DjangoEcommerceApp/AdminViews.py:4:0: C0301: Line too long (201/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:105:0: C0301: Line too long (149/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:106:0: C0301: Line too long (126/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:209:0: C0301: Line too long (136/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:231:0: C0301: Line too long (186/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:232:0: C0301: Line too long (183/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:264:0: C0301: Line too long (150/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:325:0: C0301: Line too long (218/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:429:0: C0301: Line too long (129/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:445:0: C0301: Line too long (101/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:466:0: C0301: Line too long (139/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:468:0: C0301: Line too long (101/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:480:0: C0301: Line too long (146/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:481:0: C0301: Line too long (126/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:561:0: C0301: Line too long (149/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:562:0: C0301: Line too long (126/100) (line-too-long)
DjangoEcommerceApp/AdminViews.py:441:47: W1401: Anomalous backslash in string: '\n'. String constant might be missing an r prefix. (anomalous-backslash-in-string)
DjangoEcommerceApp/AdminViews.py:1:0: C0114: Missing module docstring (missing-module-docstring)
DjangoEcommerceApp/AdminViews.py:1:0: C0103: Module name "AdminViews" doesn't conform to snake_case naming style (invalid-name)
DjangoEcommerceApp/AdminViews.py:16:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp/AdminViews.py:20:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp/AdminViews.py:29:18: E1101: Class 'Categories' has no 'objects' member (no-member)
DjangoEcommerceApp/AdminViews.py:32:18: E1101: Class 'Categories' has no 'objects' member (no-member)
DjangoEcommerceApp/AdminViews.py:37:18: R1725: Consider using Python 3 style super() without arguments (super-with-arguments)
DjangoEcommerceApp/AdminViews.py:40:38: W0212: Access to a protected member _meta of a client class (protected-access)
DjangoEcommerceApp/AdminViews.py:40:38: E1101: Class 'Categories' has no '_meta' member (no-member)
DjangoEcommerceApp/AdminViews.py:44:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp/AdminViews.py:44:0: R0901: Too many ancestors (11/7) (too-many-ancestors)
DjangoEcommerceApp/AdminViews.py:51:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp/AdminViews.py:51:0: R0901: Too many ancestors (11/7) (too-many-ancestors)
DjangoEcommerceApp/AdminViews.py:58:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp/AdminViews.py:67:18: E1101: Class 'SubCategories' has no 'objects' member (no-member)
DjangoEcommerceApp/AdminViews.py:70:18: E1101: Class 'SubCategories' has no 'objects' member (no-member)
DjangoEcommerceApp/AdminViews.py:75:18: R1725: Consider using Python 3 style super() without arguments (super-with-arguments)
DjangoEcommerceApp/AdminViews.py:78:38: W0212: Access to a protected member _meta of a client class (protected-access)
DjangoEcommerceApp/AdminViews.py:78:38: E1101: Class 'SubCategories' has no '_meta' member (no-member)

Ln 17, Col 15 Spaces: 4 UTF-8 CRLF Python 3.10.5 64-bit
```

Score received: 2.84/10

Test 5:

File name: DjangoEcommerceApp/apps.py



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/apps.py
***** Module DjangoEcommerceApp.apps
DjangoEcommerceApp\apps.py:1:0: C0114: Missing module docstring (missing-module-docstring)
DjangoEcommerceApp\apps.py:4:0: C0115: Missing class docstring (missing-class-docstring)

-----
Your code has been rated at 3.33/10 (previous run: 0.00/10, +3.33)

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>
```

Score received: 3.33/10

Suggestions provided by pylint:

DjangoEcommerceApp\apps.py:1:0: C0114: Missing module docstring
(missing-module-docstring)

DjangoEcommerceApp\apps.py:4:0: C0115: Missing class docstring (missing-class-docstring)

Test 6:

File name: DjangoEcommerceApp/models.py

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

***** Module DjangoEcommerceApp.models
DjangoEcommerceApp\models.py:54:0: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\models.py:55:0: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\models.py:70:0: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\models.py:95:44: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\models.py:193:0: C0301: Line too long (104/100) (line-too-long)
DjangoEcommerceApp\models.py:195:62: C0303: Trailing whitespace (trailing-whitespace)
DjangoEcommerceApp\models.py:206:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\models.py:1:0: C0114: Missing module docstring (missing-module-docstring)
DjangoEcommerceApp\models.py:8:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:13:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:18:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:23:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:34:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:40:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:49:4: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\models.py:52:4: E0307: __str__ does not return str (invalid-str-returned)
DjangoEcommerceApp\models.py:58:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:68:4: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\models.py:73:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:88:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:97:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:107:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:115:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:122:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:129:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:138:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:148:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:155:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:160:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:167:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:176:0: C0115: Missing class docstring (missing-class-docstring)
DjangoEcommerceApp\models.py:186:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\models.py:189:12: E1101: Class 'AdminUser' has no 'objects' member (no-member)
DjangoEcommerceApp\models.py:191:12: E1101: Class 'StaffUser' has no 'objects' member (no-member)
DjangoEcommerceApp\models.py:195:12: E1101: Class 'CustomerUser' has no 'objects' member (no-member)
DjangoEcommerceApp\models.py:186:24: W0613: Unused argument 'sender' (unused-argument)
DjangoEcommerceApp\models.py:186:0: W0613: Unused argument 'kwargs' (unused-argument)
DjangoEcommerceApp\models.py:198:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\models.py:198:22: W0613: Unused argument 'sender' (unused-argument)
DjangoEcommerceApp\models.py:198:0: W0613: Unused argument 'kwargs' (unused-argument)

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Your code has been rated at 6.67/10
```

Score received: 6.67/10

Test 7:

File name: DjangoEcommerceApp/views.py

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>py -m pylint DjangoEcommerceApp/views.py
***** Module DjangoEcommerceApp.views
DjangoEcommerceApp\views.py:32:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\views.py:1:0: C0114: Missing module docstring (missing-module-docstring)
DjangoEcommerceApp\views.py:8:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\views.py:8:0: C0103: Function name "demoPage" doesn't conform to snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:8:13: W0613: Unused argument 'request' (unused-argument)
DjangoEcommerceApp\views.py:11:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\views.py:11:0: C0103: Function name "demoPageTemplate" doesn't conform to snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:14:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\views.py:14:0: C0103: Function name "adminLogin" doesn't conform to snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:17:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\views.py:17:0: C0103: Function name "adminLoginProcess" doesn't conform to snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:22:4: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)
DjangoEcommerceApp\views.py:29:0: C0116: Missing function or method docstring (missing-function-docstring)
DjangoEcommerceApp\views.py:29:0: C0103: Function name "adminLogoutProcess" doesn't conform to snake_case naming style (invalid-name)

-----
Your code has been rated at 4.17/10

C:\Users\student\Desktop\202001154-lab5\django-e-commerce-project-amazon-clone>
```

Score received: 4.17/10

Suggestions provided by pylint:

DjangoEcommerceApp\views.py:32:0: C0304: Final newline missing (missing-final-newline)
DjangoEcommerceApp\views.py:1:0: C0114: Missing module docstring
(missing-module-docstring)
DjangoEcommerceApp\views.py:8:0: C0116: Missing function or method docstring
(missing-function-docstring)
DjangoEcommerceApp\views.py:8:0: C0103: Function name "demoPage" doesn't conform to
snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:8:13: W0613: Unused argument 'request' (unused-argument)
DjangoEcommerceApp\views.py:11:0: C0116: Missing function or method docstring
(missing-function-docstring)
DjangoEcommerceApp\views.py:11:0: C0103: Function name "demoPageTemplate" doesn't
conform to snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:14:0: C0116: Missing function or method docstring
(missing-function-docstring)
DjangoEcommerceApp\views.py:14:0: C0103: Function name "adminLogin" doesn't conform to
snake_case naming style (invalid-name)
DjangoEcommerceApp\views.py:17:0: C0116: Missing function or method docstring
(missing-function-docstring)
DjangoEcommerceApp\views.py:17:0: C0103: Function name "adminLoginProcess" doesn't
conform to snake_case naming style (invalid-name)

DjangoEcommerceApp\views.py:22:4: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)

DjangoEcommerceApp\views.py:29:0: C0116: Missing function or method docstring (missing-function-docstring)

DjangoEcommerceApp\views.py:29:0: C0103: Function name "adminLogoutProcess" doesn't conform to snake_case naming style (invalid-name)
