debugging functions in django

in any module, e.g. cportal.views or customer.views

1. **create a function** views.py:

```python
def testFunction(request):
try:
    x = 5
    x *= 2 # press F9 on this line to create breakpoint that triggers in
debug
    return f'hey this will print in your browser: x = {x}'
except Exception as e:
    return f'something went wrong: {e}'
```

2. **add to urls** urls.py:

```python
import views

test_patterns = [
    # test
    re_path(r"TEST", views.testFunction)
]
```

3. **configure debug in vscode** /.vscode/launch.json:

```json
{
    "version": "0.2.0",
    "configurations": [
        {
            "name": "Django server",
            "type": "python",
            "request": "launch",
            "program": "${workspaceFolder}/evco_os/manage.py",
            // might have to edit "program" based on the folder you open in
vscode
            "args": [
                "runserver"
            ],
            "django": true,
            "justMyCode": true
        },
    ]
}
```

4. **debug** press F5 on keyboard