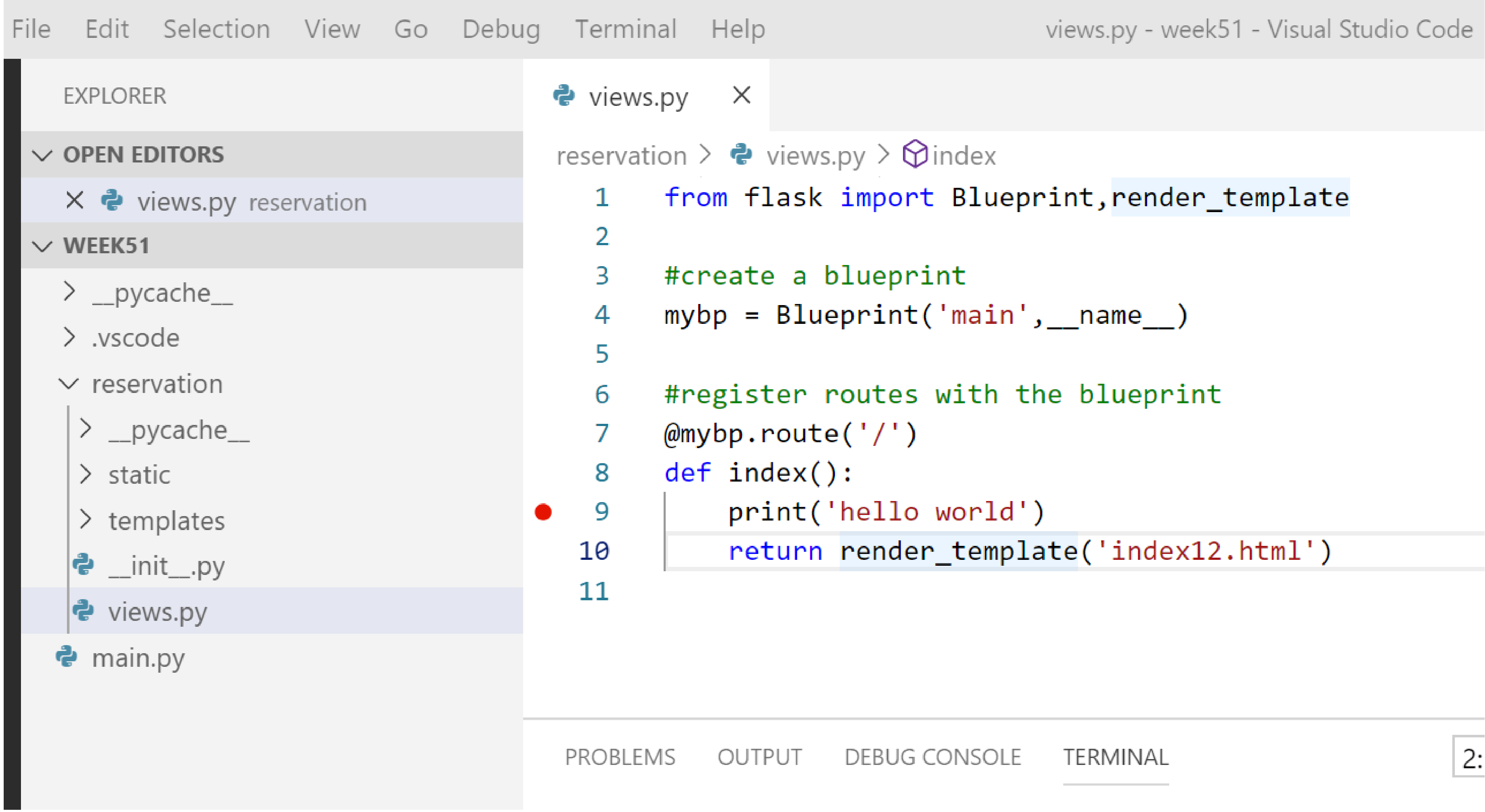
Debugging Flask in VS Code

Set a breakpoint – by clicking on the line number where you want the program to stop

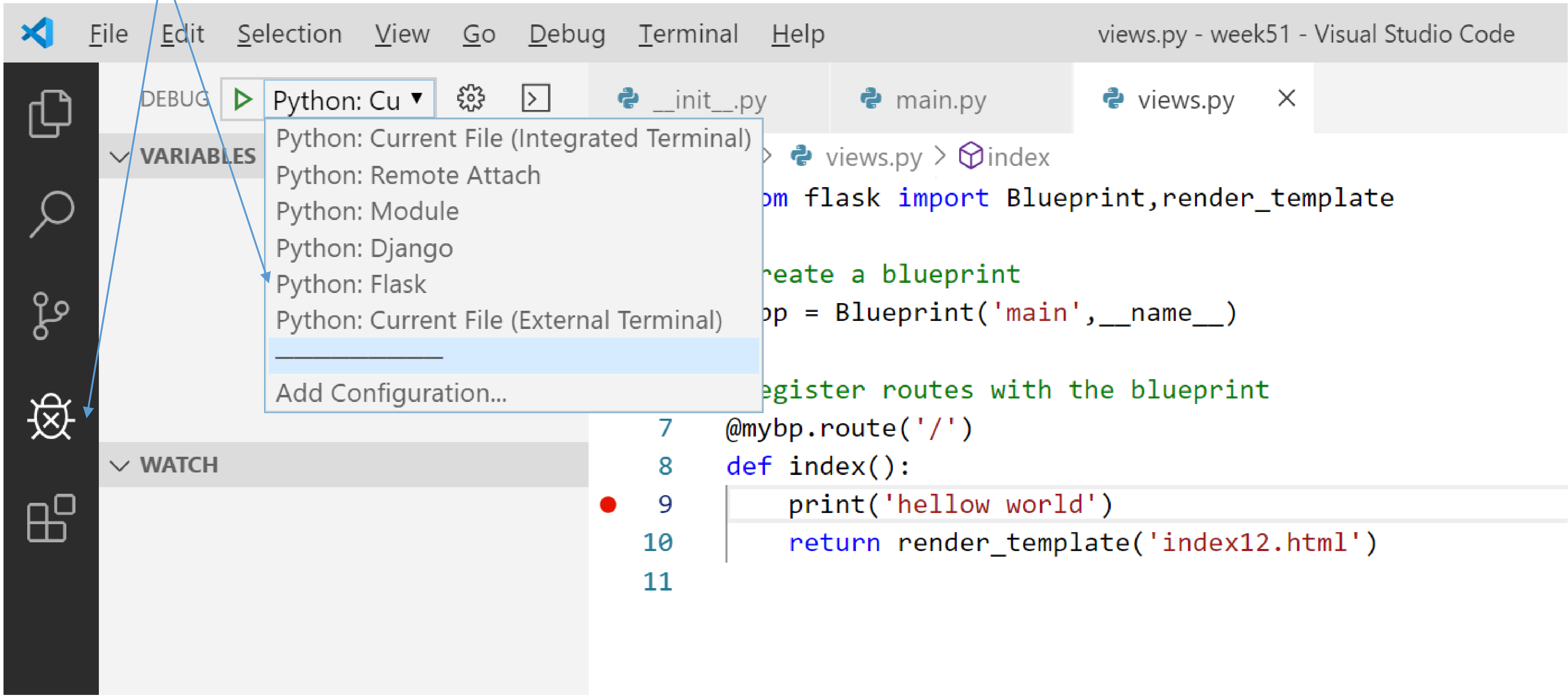


```python
from flask import Blueprint,render_template

#create a blueprint
mybp = Blueprint('main',__name__)

#register routes with the blueprint
@mybp.route('/')
def index():
    print('hello world')
    return render_template('index12.html')
```

Go to the debug tab, click on Debug -> **Select Python: Flask** from the drop down list



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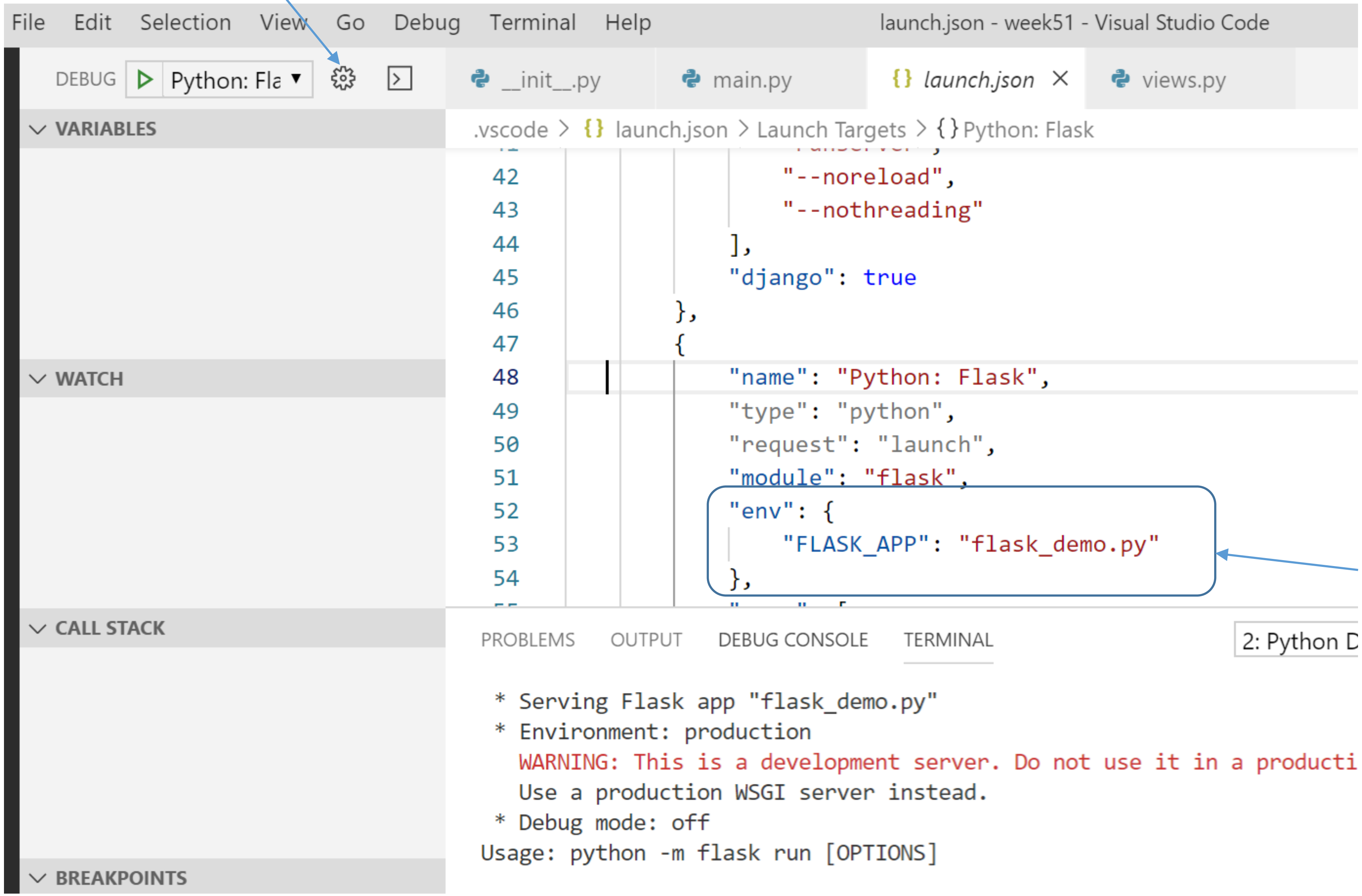
Click the settings button and it would open up a launch.json file

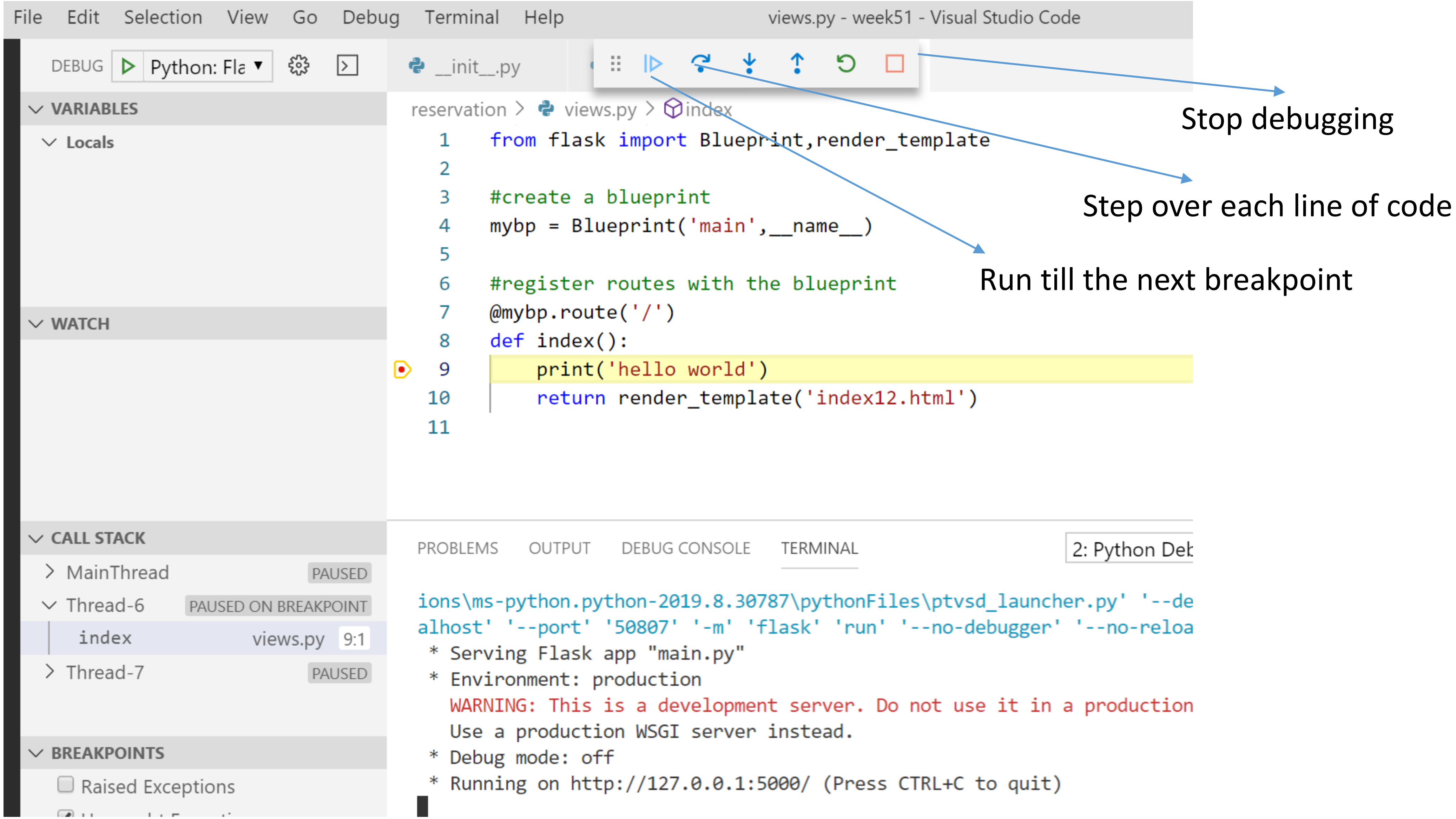


```
                "--noreload",
                "--nothreading"
            ],
            "django": true
        },
        {
            "name": "Python: Flask",
            "type": "python",
            "request": "launch",
            "module": "flask",
            "env": {
                "FLASK_APP": "flask_demo.py"
            },
```

```
 * Serving Flask app "flask_demo.py"
 * Environment: production
   WARNING: This is a development server. Do not use it in a producti
   Use a production WSGI server instead.
 * Debug mode: off
Usage: python -m flask run [OPTIONS]
```

Set this to main.py as that is the file running the flask app in our case

Select **Debug -> Start Debugging** on the main menu, it would execute until the breakpoint and stop



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```
ions\ms-python.python-2019.8.30787\pythonFiles\ptvsd_launcher.py' '--de
alhost' '--port' '50807' '-m' 'flask' 'run' '--no-debugger' '--no-reloa
 * Serving Flask app "main.py"
 * Environment: production
   WARNING: This is a development server. Do not use it in a production
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Stop debugging

Step over each line of code

Run till the next breakpoint