How to Change Port in Flask app

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In this article, we will learn to change the port of a **Flask** application.

The default port for the Flask application is 5000. So we can access our application at the below URL.

http://127.0.0.1:5000/

We may want to change the port may be because the default port is already occupied. To do that we just need to provide the port while running the Flask application. We can use the below command to run the Flask application with a given port.

if __name__ == '__main__':
  *app.run(debug=True, **port=port_number**)*

In this example, we will be using a sample flask application that returns a text when we hit the root URL.

helloworld.py

Python3

```python
# import flask module
from flask import Flask

# instance of flask application
app = Flask(__name__)

# home route that returns below text
# when root url is accessed
```
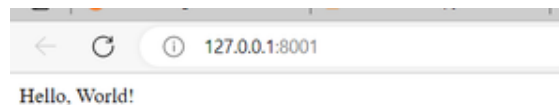
```python
@app.route("/")
def hello_world():
    return "<p>Hello, World!</p>"


if __name__ == '__main__':
    app.run(debug=True, port=8001)
```

Output:

We are running the flask application on **port 8001.**

```
((test) ) C:\Users\suraj\Desktop\flask\test>python app.py
 * Serving Flask app 'app' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on http://127.0.0.1:8001 (Press CTRL+C to quit)
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 115-625-310
127.0.0.1 - - [25/Oct/2022 20:31:01] "GET / HTTP/1.1" 200 -
```

```
127.0.0.1:8001

Hello, World!
```

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