In [ ]:
```python
from flask import Flask, request
from flask_cors import CORS, cross_origin
import warnings
warnings.filterwarnings('ignore')

import pickle

app = Flask(__name__)
CORS(app, support_credentials=True)

with open("iris_pred.pkl", "rb") as file:
    kmodel = pickle.load(file)

@app.route('/irispred', methods= ["POST"])
def irispred():
    data=request.get_json()
    splen=float(data["sepal_length"])
    spwid=float(data["sepal_width"])
    ptlen=float(data["petal_length"])
    ptwid=float(data["petal_width"])

    x=[splen,spwid,ptlen,ptwid]
    y_predict=kmodel.predict([x])[0]
    print(y_predict)

    if y_predict == 0:
        return "IRIS SETOSA"
    elif y_predict == 1:
        return "IRIS VERSICOLOR"
    else:
        return "IRIS VIRGINICA"
    return "Data Recived"

if __name__ == '__main__':
    app.run(host="0.0.0.0", port=5500)
```

```
* Serving Flask app '__main__'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server inst
ead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:8000
* Running on http://10.21.103.200:8000
Press CTRL+C to quit
10.21.103.200 - - [23/Apr/2024 11:33:02] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.200 - - [23/Apr/2024 11:33:02] "POST /irispred HTTP/1.1" 200 -
1
10.21.103.200 - - [23/Apr/2024 11:33:02] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.200 - - [23/Apr/2024 11:33:02] "POST /irispred HTTP/1.1" 200 -
1
10.21.103.200 - - [23/Apr/2024 11:33:42] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.200 - - [23/Apr/2024 11:33:42] "POST /irispred HTTP/1.1" 200 -
2
10.21.103.200 - - [23/Apr/2024 11:35:25] "GET /irispred HTTP/1.1" 405 -
10.21.107.203 - - [23/Apr/2024 11:49:23] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.107.203 - - [23/Apr/2024 11:49:23] "POST /irispred HTTP/1.1" 200 -
2
```

10.21.105.191 - - [23/Apr/2024 11:49:23] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.105.191 - - [23/Apr/2024 11:49:23] "POST /irispred HTTP/1.1" 200 -
2

10.21.105.198 - - [23/Apr/2024 11:49:43] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.105.198 - - [23/Apr/2024 11:49:44] "POST /irispred HTTP/1.1" 200 -
1

10.21.105.198 - - [23/Apr/2024 11:49:45] "POST /irispred HTTP/1.1" 200 -
1

10.21.103.199 - - [23/Apr/2024 11:49:48] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.199 - - [23/Apr/2024 11:49:49] "POST /irispred HTTP/1.1" 200 -
2

10.21.96.92 - - [23/Apr/2024 11:50:00] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.96.92 - - [23/Apr/2024 11:50:00] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.96.92 - - [23/Apr/2024 11:50:00] "POST /irispred HTTP/1.1" 200 -
2

10.21.96.92 - - [23/Apr/2024 11:50:01] "POST /irispred HTTP/1.1" 200 -
2

10.21.105.191 - - [23/Apr/2024 11:50:05] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.105.191 - - [23/Apr/2024 11:50:05] "POST /irispred HTTP/1.1" 200 -
10.21.105.191 - - [23/Apr/2024 11:50:05] "POST /irispred HTTP/1.1" 200 -
2
2

10.21.105.191 - - [23/Apr/2024 11:50:11] "POST /irispred HTTP/1.1" 200 -
2

10.21.105.191 - - [23/Apr/2024 11:50:12] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.209 - - [23/Apr/2024 11:50:12] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.105.191 - - [23/Apr/2024 11:50:13] "POST /irispred HTTP/1.1" 200 -
10.21.103.209 - - [23/Apr/2024 11:50:13] "POST /irispred HTTP/1.1" 200 -
2
1

10.21.105.191 - - [23/Apr/2024 11:50:13] "POST /irispred HTTP/1.1" 200 -
2

10.21.103.209 - - [23/Apr/2024 11:50:16] "POST /irispred HTTP/1.1" 200 -
1

10.21.107.40 - - [23/Apr/2024 11:50:17] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.107.40 - - [23/Apr/2024 11:50:17] "POST /irispred HTTP/1.1" 200 -
2

10.21.103.199 - - [23/Apr/2024 11:50:17] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.199 - - [23/Apr/2024 11:50:17] "POST /irispred HTTP/1.1" 200 -
2

10.21.107.40 - - [23/Apr/2024 11:50:21] "POST /irispred HTTP/1.1" 200 -
2

10.21.107.40 - - [23/Apr/2024 11:50:26] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.107.40 - - [23/Apr/2024 11:50:26] "POST /irispred HTTP/1.1" 200 -
10.21.107.40 - - [23/Apr/2024 11:50:26] "POST /irispred HTTP/1.1" 200 -
2
2

10.21.96.159 - - [23/Apr/2024 11:50:26] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.96.159 - - [23/Apr/2024 11:50:26] "POST /irispred HTTP/1.1" 200 -
2

10.21.107.40 - - [23/Apr/2024 11:50:27] "POST /irispred HTTP/1.1" 200 -
10.21.107.40 - - [23/Apr/2024 11:50:27] "POST /irispred HTTP/1.1" 200 -
2
2

10.21.106.38 - - [23/Apr/2024 11:50:51] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.106.38 - - [23/Apr/2024 11:50:51] "POST /irispred HTTP/1.1" 200 -
1

10.21.103.199 - - [23/Apr/2024 11:51:00] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.103.199 - - [23/Apr/2024 11:51:00] "POST /irispred HTTP/1.1" 200 -
1

10.21.96.92 - - [23/Apr/2024 11:51:28] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.96.92 - - [23/Apr/2024 11:51:28] "POST /irispred HTTP/1.1" 200 -
0

10.21.106.38 - - [23/Apr/2024 11:51:43] "OPTIONS /irispred HTTP/1.1" 200 -
10.21.106.38 - - [23/Apr/2024 11:51:43] "POST /irispred HTTP/1.1" 200 -
1

10.21.103.200 - - [23/Apr/2024 11:52:39] "GET /irispred HTTP/1.1" 405 -
10.21.103.200 - - [23/Apr/2024 11:52:39] "GET /favicon.ico HTTP/1.1" 404 -

In [2]:
```
pip install -U flask-cors
```

Defaulting to user installation because normal site-packages is not writeable
Collecting flask-cors
  Obtaining dependency information for flask-cors from https://files.pythonhosted.org/packages/10/69/1e6cfb8711756
8a9de088c32d6258219e9d1ff7c131abf74249ef2031279/Flask_Cors-4.0.0-py2.py3-none-any.whl.metadata
  Downloading Flask_Cors-4.0.0-py2.py3-none-any.whl.metadata (5.4 kB)
Requirement already satisfied: Flask>=0.9 in c:\programdata\anaconda3\lib\site-packages (from flask-cors) (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\programdata\anaconda3\lib\site-packages (from Flask>=0.9->fla
sk-cors) (2.2.3)
Requirement already satisfied: Jinja2>=3.0 in c:\programdata\anaconda3\lib\site-packages (from Flask>=0.9->flask-cor
s) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\programdata\anaconda3\lib\site-packages (from Flask>=0.9->fl
ask-cors) (2.0.1)
Requirement already satisfied: click>=8.0 in c:\users\abhim\appdata\roaming\python\python311\site-packages (from
Flask>=0.9->flask-cors) (8.1.7)
Requirement already satisfied: colorama in c:\users\abhim\appdata\roaming\python\python311\site-packages (from cli
ck>=8.0->Flask>=0.9->flask-cors) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\programdata\anaconda3\lib\site-packages (from Jinja2>=3.0->Fl
ask>=0.9->flask-cors) (2.1.1)
Downloading Flask_Cors-4.0.0-py2.py3-none-any.whl (14 kB)
Installing collected packages: flask-cors
Successfully installed flask-cors-4.0.0
Note: you may need to restart the kernel to use updated packages.

In [ ]: