

**PROJECT NAME** :News Tracker Application  
**TEAM ID** :PNT2022TMID26910  
**DATE** : **02 NOV 2022**

## CREATE FLASK PROJECT PROGRAM:

```
# Importing flask module in the project is mandatory

# An object of Flask class is our WSGI application.

from flask import Flask

# Flask constructor takes the name of
# current module (_name_) as argument.

app = Flask(_name_)

# The route() function of the Flask class is a decorator,
# which tells the application which URL should call
# the associated function.

@app.route('/')

# '/' URL is bound with hello_world() function.

def hello_world():

    return 'Hello World'

# main driver function

if __name__ == '__main__':

    # run() method of Flask class runs the application
    # on the local development server.

    app.run()
```

## OUTPUT :

```
Python 3.5.0 Shell
File Edit Shell Debug Options Window Help
Python 3.5.0 (v3.5.0:374f501f4567, Sep 13 2015, 02:27:37) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\knapseck\Desktop\GFG Internship\23. Introduction to Flask\1.py
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

## EXAMPLE :

```
from flask import Flask

app = Flask(__name__)

@app.route('/hello/<name>')
def hello_name(name):
    return 'Hello %s!' % name

if __name__ == '__main__':
    app.run()
```

## OUTPUT :



# Hello geeksforgeeks!

---

HTML CODING EXAMPLE :

```
<html>

<body>

<form action = "http://localhost:5000/login" method = "post"

<p>Enter Name:</p>

<p><input type = "text" name = "nm" /></p>

<p><input type = "submit" value = "submit" /></p>

</form>

</body>

</html>
```

## PYTHON :

```
from flask import Flask, redirect, url_for, request

app = Flask(__name_)

@app.route('/success/<name>')
```

```
def success(name):  
    return 'welcome %s' % name  
  
@app.route('/login', methods=['POST', 'GET'])  
def login():  
    if request.method == 'POST':  
        user = request.form['nm']  
        return redirect(url_for('success', name=user))  
    else:  
        user = request.args.get('nm')  
        return redirect(url_for('success', name=user))  
  
if __name__ == '__main__':  
    app.run(debug=True)
```

## OUTPUT :



A screenshot of a web browser window. The address bar shows the URL: `file:///C:/Users/krapweck/Desktop/webdev_project/login.html`. The page content includes the text "Enter Name:" followed by a text input field containing the name "subhajit". Below the input field is a button labeled "submit".

RESULT :



# welcome subhajit

---

## **The complete implementation for the start of this project:**

```
"""Flask Application for Paws Rescue Center."""
```

```
from flask import Flask
```

```
app = Flask(__name__)
```

```
@app.route("/")
```

```
def homepage():
```

```
    """View function for Home Page."""
```

```
    return "Paws Rescue Center 🐾"
```

```
@app.route("/about")
```

```
def about():
```

```
    """View function for About Page."""
```

```
return """We are a non-profit organization working as an animal rescue center.
```

```
We aim to help you connect with the purrfect furbaby for you!
```

```
The animals you find at our website are rescue animals which have been rehabilitated.
```

```
Our mission is to promote the ideology of "Adopt, don't Shop"! """
```

```
if __name__ == "__main__":
```

```
    app.run(debug=True, host="0.0.0.0", port=3000)
```