PROJECT NAME	:News Tracker Application
TEAM ID	:PNT2022TMID40259
DATE	**: 02 NOV 2022**

CREATE FLASK PROJECT

PROGRAM:

```python
# 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 (AM
D64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
 RESTART: C:\Users\knapseck\Desktop\GFG Internship\23. Introduction to Flask\1.p
y
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

EXAMPLE :

```python
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
<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 :

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

app = Flask(__name__)

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

```python
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 :

RESULT :

welcome subhajit

The complete implementation for the start of this project:

```python
"""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."""
```

```python
    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)
```