# **Assignment:2**

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Project Name	Plasma Donor Application
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1.Create registration page in html with username, email and phone number and by using POST method display it in the next html page.

### app.py

```
from flask import Flask, render_template, request, redirect
app = Flask(__name__)
@app.route('/')
def home():
    return 'Welcome! <a href="/login">Register here</a>'

@app.route('/login', methods=['POST', 'GET'])
def login():
    if request.method == 'POST':
        userName = request.form['userName']
        userEmail = request.form['userEmail']
        userPassword = request.form['userPassword']
        return redirect('/')
    return render_template("form.html")

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

#### form.html

# **OUTPUT:**





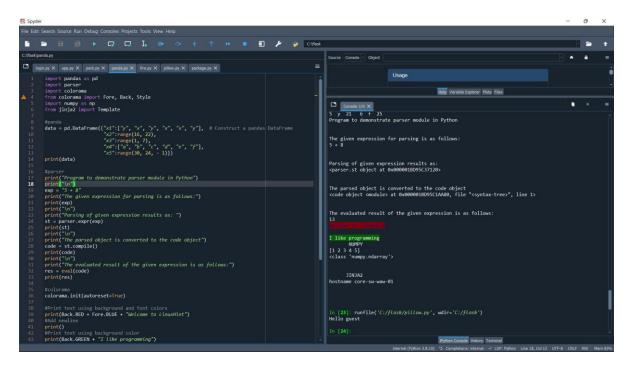
Welcome! Register here



```
2. Develop a flask program which should contain atleast 5 packages used from pypi.org
"import pandas as pd
import parser
import colorama
from colorama import Fore, Back, Style
import numpy as np
from jinja2 import Template
data = pd.DataFrame({"x1":["y", "x", "y", "x", "x", "y"], # Construct a pandas
    "x2":range(16, 22),
    "x3":range(1, 7),
    "x5":range(30, 24, - 1)})
print(data)
print("Program to demonstrate parser module in Python")
print("\n")
exp = "5 + 8"
print("The given expression for parsing is as follows:")
print(exp)
print("\n")
print("Parsing of given expression results as: ")
st = parser.expr(exp)
print(st)
print("\n")
print("The parsed object is converted to the code object")
code = st.compile()
print(code)
print("\n")
print("The evaluated result of the given expression is as follows:")
res = eval(code)
print(res)
colorama.init(autoreset=True)
print(Back.RED + Fore.BLUE + "Welcome to LinuxHint")
print()
print(Back.GREEN + "I like programming")
#numpy
arr = np.array([1, 2, 3, 4, 5])
print(" NUMPY ")
print(arr)
print(type(arr))
print("\n")
```

```
#jinja2
template = """hostname {{ hostname }}"""
data = {"hostname": "core-sw-waw-01"}
j2_template = Template(template)
print(" JINJA2 ")
print(j2_template.render(data))
print("\n")
```

## **OUTPUT:**



```
Attributerror; partially initialized module 'pickle' has no attribute 'HIGHEST_PROTOCOL' (most likely due to a circular import)

C:\flaskspython panda:py;
C:\flaskspython pan
```