

Solution 1:

```
def group_by_owners(file_list):
    file_by_owners = {}
    for file in file_list:
        owner = file_list[file]
        if owner in file_by_owners:
            file_by_owners[owner].append(file)
        else:
            file_by_owners[owner] = [file]

    return file_by_owners

print(group_by_owners({
    'Input.txt': 'Randy',
    'Code.py': 'Stan',
    'Output.txt': 'Randy'
}))
```

C:\Users\ADMIN\PycharmProjects\Project\venv\Scripts\python.exe D:/PythonFiles/scratch.py

{'Randy': ['Input.txt', 'Output.txt'], 'Stan': ['Code.py']}

Process finished with exit code 0

Solution 2:

```
import math

def find_roots(a, b, c): # equation is in the form of
    ax2 + bx + c = 0
    d = (b ** 2) - (4 * a * c) # the discriminant
    if d < 0:
        return "No solution"

    ans1 = (-b + math.sqrt(d)) / (2 * a)
    ans2 = (-b - math.sqrt(d)) / (2 * a)

    return (ans1, ans2)

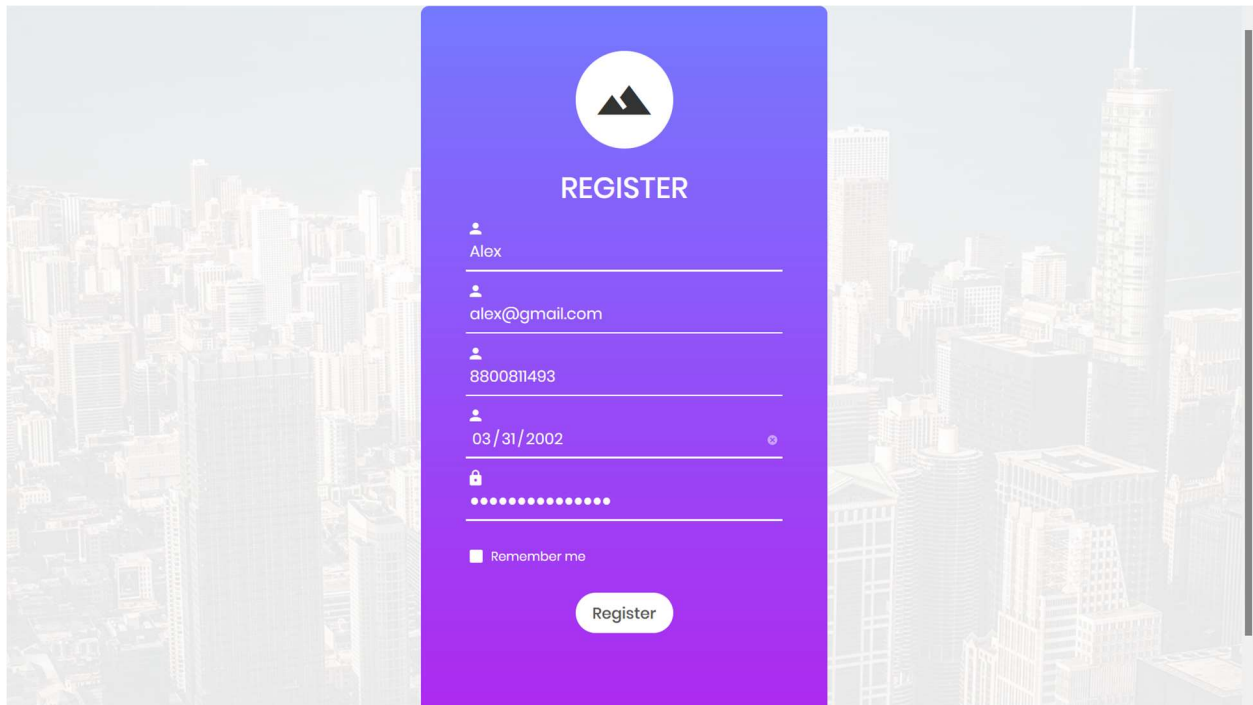
print(find_roots(2, 10, 8))
```


E:\Famepilot Solutions>python find\_roots.py

(-1.0, -4.0)


Solution 3:


Github Link: <https://github.com/Aditya-Mallick/Famepilot-Solutions>









REGISTER

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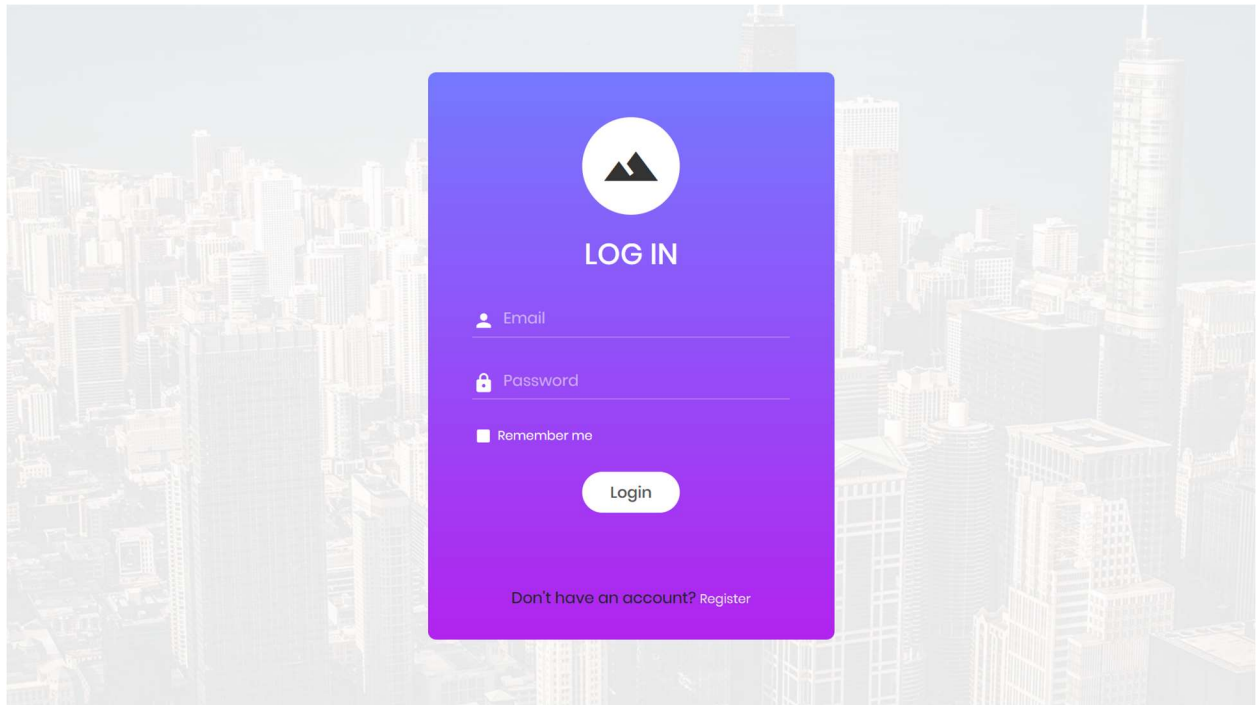
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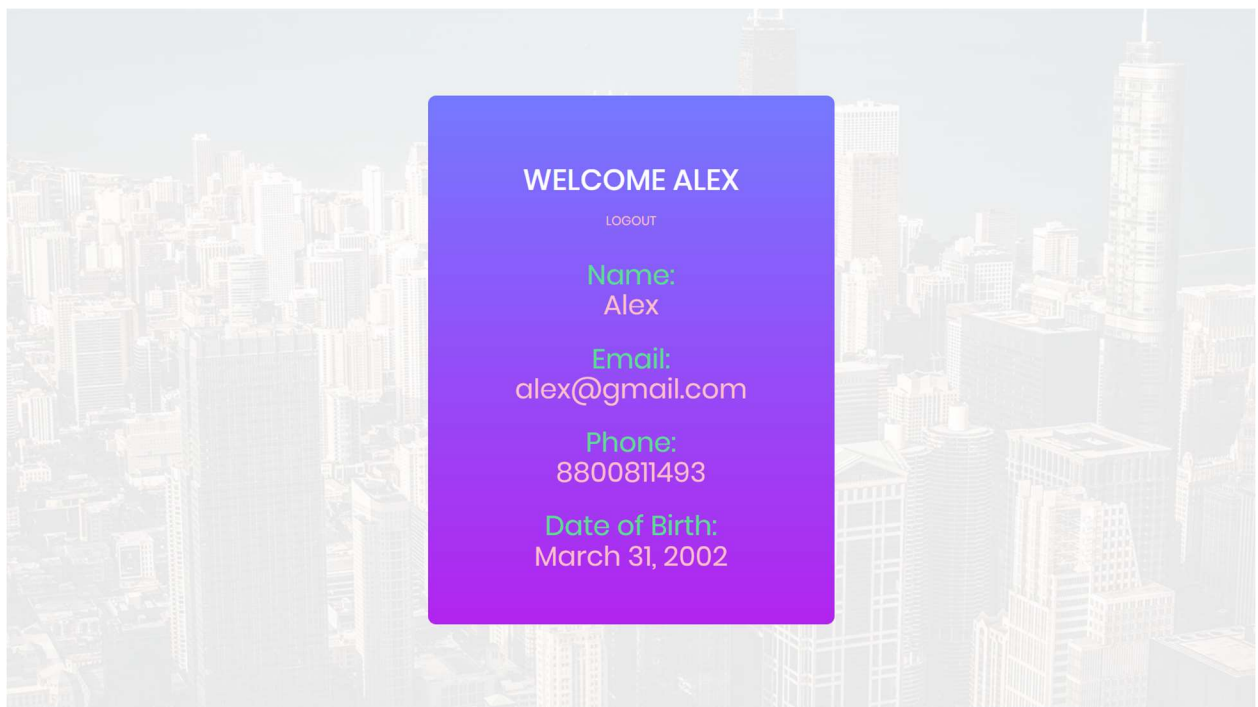
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