Project Challenge: Paws Rescue Center

In this lesson, we will start working on your course project! We will be creating a web application for an animal rescue center called "Paws Rescue Center".

Introduction

In the previous lessons of this chapter, we implemented our first Flask application, learned how to create static and dynamic URL routes, and how to bind them to views. Using this information, we will now start building a real-world application. We will keep working on the application, side by side, throughout the course. We will get the chance to implement each thing by ourselves!

> 📌 **Note:** For the implementation of this project, the following pattern will be followed:
>
> - Throughout the course, there will be multiple challenges present, which will include features of the project to be implemented.
> - The feature to be implemented will be explained in the **Problem Statement**.
> - Expected output will also be given in the challenge.
> - The coding area will be provided for us to implement the feature.

- In the next lesson, the complete implementation of the solution will be given and explained.

Paws Rescue Center 🐾

The application we will be building in this course is a website for an animal rescue called the **"Paws Rescue Center 🐾"**. By using this example, it will be sufficient to demonstrate how to build a basic web application with the Flask framework.

Problem statement

In this challenge, we will implement the **views** for the **'home'** and **'about'** **pages** of the application.

1. The URL routes for both *views* should be *user-friendly*.

2. The home page should output the string: `"Paws Rescue Center 🐾"`.

3. The about function should output the following line: `"We are a non-profit organization working as an animal rescue. We aim to help you connect with the purrfect furbaby for you! The animals you find on our website are rescued and rehabilitated animals. Our mission is to promote the ideology "adopt, don't hop"! "`.

Home page - expected output

Paws Rescue Center 🐾

<div style="border:1px solid; height: 400px;"></div>

Output for the Home Page

About page - expected output

We are a non-profit organization working as an animal rescue. We aim to help you connect with purrfect furbaby for you! The animals you find at our website are rescued and rehabilitated animals. Our mission is to promote the ideology of "Adopt, don't Shop"!

Output for the About Page

Your implementation

Implement the features described above in the skeleton application provided below.

```
"""Flask Application for Paws Rescue Center."""
from flask import Flask
app = Flask(__name__)

"""1. Add a View Function for the Home page."""

"""2. Add a View Function for the About page."""

if __name__ == "__main__":
    """ """
    app.run(debug=True, host="0.0.0.0", port=3000)
```

Well done! We will look at the solution to this challenge in the next lesson.