

Solution: Paws Rescue Center

In this lesson, we will go through the solution of the challenge given in the previous lesson.

WE'LL COVER THE FOLLOWING ^

- Solution
- Explanation
 - Home page
 - URL route
 - Output
 - About page
 - URL route
 - Output

The complete implementation of the problem is provided below. Let's take a look at it!

Solution

```
"""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)
```

Explanation

This challenge was meant to get us started with development with the `Flask framework`. Let's *break down* the solution and analyze it.

Home page

First, let's take a look at the solution for the home page.

URL route

We want the home page to be the first landing page of the website, therefore, using the route `"/"` makes the most sense, as shown in **line #5**.

Output

The string `"Paws Rescue Center 🐾🐾"` was provided in the challenge as the required output. All we had to do was to return this string in the *view* function. This can be found on **line #8** in the solution shown above.

About page

Next, for the about page, the following features were implemented.

URL route

The most obvious and *user-friendly* URL route for the about page is `"/about"` (referring to **line #10** in the solution).

Output

The output string provided in the problem statement is returned in lines **#13-16**.

Well done! Now you have some hands-on experience with web application development.

In the next lesson, we will solve a quick quiz to review some concepts studied in this chapter.

