

Q1. What is Flask Framework? What are the advantages of Flask Framework?

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In [1]: #Ans-Flask is a microframework for developers, designed to enable them to create and scale web apps quickly and simply.
#       Explaining how they go about doing that will take a little more unraveling.
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Q2. Create a simple Flask application to display ‘Hello World!!’. Attach the screenshot of the output in Jupyter Notebook.

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In [2]: from flask import Flask

app = Flask(__name__)

@app.route("/vivek")
def hello_vivek():
    return "<h1>Hello, bachoo </h1>"
```

Q3. What is App routing in Flask? Why do we use app routes?

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In [1]: # Ans:- App routing is the technique used to map the specific URL with the associated function intended to perform some task.
#       The Latest Web frameworks use the routing technique to help users remember application URLs.

# USE OF APP ROUTES
#       App routing is the technique used to map the specific URL with the associated function intended to perform some task.
```

Q4. Create a “/welcome” route to display the welcome message “Welcome to ABC Corporation” and a “/”

route to show the following details:

Company Name: ABC Corporation

Location: India

Contact Detail: 999-999-9999

```
In [ ]: # Ans-
from flask import Flask

app = Flask(__name__)

@app.route("/welcome")
def ABC_company():
    return "Company Name: ABC Corporation \n Location: India \n Contact Detail: 999-999-9999"
if __name__=="__main__":
    app.run(host="0.0.0.0")
```

Q5. What function is used in Flask for URL Building? Write a Python code to demonstrate the working of the url_for() function.

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In [ ]: # Ans-The url_for() function is used to build a URL to the specific function dynamically.
# import the Flask library
from flask import Flask, render_template

app = Flask(__name__)

@app.route('/')
def welcome():
    return render_template('sportsmain.html')

# Sta
if(__name__ == "__main__"):
    app.run(debug=True)
```