

20 Feb Ass

March 15, 2023

[]: Q1. Explain GET and POST methods.

[]: ANS -

[]: Get and Post methods are the HTTP request methods used inside the <form>tag to
→ send form data to the server. HTTP protocol
enables the communication between the client and the server where an application
→ running on a computer system that hosts
your websites can be the server.

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[]: Q2. Why is request used in Flask?

[]: ANS -

[]: IN the client-server architecture, the request object contains all the data
→ that is sent from the client
to the server. As we have already discussed in the tutorial, We can retrieve the
→ data at the server side using the HTTP methods.

[]: When the flask application handles a request, it creates a Request object based
→ on the environment it received from the
WSGI server. Because a worker (thread, process, or coroutine depending on the
→ server) handles only one request at a time, the
request data can be considered global to that worker during that request.

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[]: Q3. Why is redirect() used in Flask?

[]: ANS -

[]: Flask **class** **has** a `redirect()` function. When called, it **return** a response **object**,
↳ **and** redirects the user to another target
location **with** specified status code.

[]: The same methods **is** used **for** redirecting to other routes **in** the same,
↳ application **and** external
websites.

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[]: Q4. What are templates **in** Flask? Why **is** the `render_template()` function used?

[]: ANS -

[]: Templates are files that contain static data **as** well **as** placeholders **for**,
↳ dynamic data. A template **is** rendered **with**
a specific data to produce a final documents. flask uses the jinja templates,
↳ library to render templates. **in** your application
you will use templates to render HTML which will display **in** the user browser.

[]: Flask provides us the `render_template()` function which can be used to render,
↳ the external HTML file to be returned
as the response **from** **the** view function.

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[]: Q5. Create a simple API. Use Postman to test it. Attach the screenshot of the,
↳ output **in** the Jupyter Notebook.

[]: ANS -

[]: https://mango-postman-ihobc.pwskills.app:5000/postman_action

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