

* Title → Design an online registration form of any application and validate using JQuery

* Objective → i) To understand basics of validation and its properties
ii) To apply JS functionality to validate HTML pages

* Theory →

• Javascript;

JS is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages whose implementation allows client-side script to interact with user and make dynamic pages.

• Applications of JS:

1. Website
2. Web applications
3. Server applications
4. Smart watch apps

• Advantages of JS:

1. Speed - It is very fast as it can run immediately at client.
2. Simplicity - Simple to learn and implement.
3. Server speed load - Reduces demand on website server
4. Gives the ability to create rich pages

• Client-side scripting:

1. Code that exists inside client's HTML pages
2. This code will be processed on client machine and HTML will not perform postBack to web server.
3. Traditionally, client side scripting is used for page navigation, data validation and formatting.
4. Language used is JS
5. User action will result in immediate response because they don't require a trip to server.



• JS vs other scripting languages :

1. JS vs Python -

JS initially made to support HTML pages in browser, whereas Python made to run from command line to support servers.

2. JS vs PHP -

Both are scripting languages that were originally interpreted at runtime but are now often transformed by a JIT compiler.

3. JS vs Ruby -

JS was once limited to running in the client browser, while Ruby runs on server with rails framework.

* Conclusion → In this way, I have designed an Amazing Facts & contact us form for my website and validated it using JS.