Assignment 5

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Q.Compare following

1. GET and POST

GET POST

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| --- | --- | --- |
| Parameters & history | Parameters are part of the URL, hence remain in the browser history | Parameters are not saved in browser history |
| Exposure | Easier to hacker | More difficult to hack |
| Bookmark | Can be bookmarked | Cannot be bookmarked |
| Resubmit behaviour | GET requests are re-executed but may not be re-submitted to server if the HTML is stored in browser cache | The browser usually alerts the user that data will need to be re-submitted |
| Parameter Limit | Parameter data is a limited to what we can stuff into the request line. Safest to use less than 2000 parameters. | Can send parameters including files to the server also. There is no limit on parameters in POST. |
| Usability | GET method should not be used when sending passwords or other sensitive information | POST method is used when sending sensitive information as it is more secure |
| Visibility | GET URL is visible to everyone | POST method variable are not displayed |
| Caching | Can be Cached | Cannot be cached |

1. Client side scripting & Server side scripting

CSS SSS

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| --- | --- | --- |
| Basic | Works at the front end and the script are visible among users. | Works in the back end which is invisible at the client side |
| Language involved | HTML, CSS, bootstrap, Javapoint | PHP, ASP.net, ruby on rails, python |
| Affect | Can reduce the load to the server | Could effectively customise the web pages and provide dynamic website |
| Security | Insecure as scripts are visible | Secure relatively |
| Processing | Requires no server side interaction | Requires server interaction |
| Running environment | Client side environment used to run scripts is usually a browser | Server side environment that runs a scripts is a web server |