**Lab 11**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BCIT ID: A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 1: Activity Sheet**

To submit your Activity Sheet (a photo or a screenshot))

# Part 2: Integrate CDN

Video: <https://www.linkedin.com/learning/view-source/003-using-a-cdn-to-speed-up-your-sites>

Step 1: Change your github pages project (or make a new one) to use a local jQuery file (you upload a copy of jquery.min.js, and make your file to use it)

Step 2: Access your home page in a browser

Step 3: Open up your browser dev tool to see how long it took for the request

Step 4: in your github pages, replace local reference to the JQuery library to a CDN reference.

For example: Use below to replace <script src="jquery.min.js”></script>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

(Refer to: <http://code.google.com/apis/libraries/devguide.html> )

Step 5: Save your code change in github if you made the change in browser, or commit and push your code change if you did it at your local.

Step 6: At your local in a different browser or in incognito mode, access your page again Step 7: Open your dev tool window, to find how long it took to load your page this time.

Question: did you see big improvement? Why?

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FYI, when we use commercial CDN, the integration part is fairly close: after you upload your contents to CDN, it will provide you a link, Then you do the same step to replace your “local” reference with the CDN link/URL.