

Step 1: Create the form **traffic.html** and test it with your local webserver (xampp, use your local paths)

Calculate your Download capacity

Bandwidth of your Internetaccess: 100 Mbit/s

Size of the file you want to download (MB): 4000

Calculate

100 Mbit/s
8 Mbit/s
16 Mbit/s
30 Mbit/s
50 Mbit/s
100 Mbit/s

To create the drop down menu have a look at:

http://www.w3schools.com/tags/att_option_selected.asp

Step 2: Create the php file **traffic_action.php** that creates following output:

Download Capacity

Access Type	max. Kbit/s	max. MB/s
Gigaspeed 8	8.000	1
Gigaspeed 16	16.000	2
Gigaspeed 30	30.000	3.75
Gigaspeed 50	50.000	6.25
Gigaspeed 100	100.000	12.5

With your 100 Mbit/s access your 4000 MB big file will be downloaded within 320 seconds, which are 5.33 minutes.

Invalid input data must be checked and a clear feedback to the user must be given.

Step 3: Create the file **traffic.css** that cares about all the html formatting for the form (traffic.html) and the php output (traffic_action.php)

Hint:

Change the downloaded bits into bytes. The speed is volume divided by bytes per second.