PROJECT – Virtual Memory Simulator Using Java Script

Using of Simulator

1. Select the page size, so that options for size of main memory and virtual memory shows options according to it.
2. Select other parameters virtual memory size, main memory size, Page replacement policy, page level etc.
3. Click submit button to start simulator. (**CAUTION –** click submit button only once)
4. Now your choices should reflect on your right hand side.
5. Now the simulation is started, click on generate buttons for generating virtual address or page number as wanted and map button to map them.
6. You can select which request should be done on generated address or page number (READ or WRITE) select it prior to click the generate button
7. Observe the explanation and recent history area to understand the inner working of virtual memory.
8. Inner, Outer, VPO represent inner page number of virtual memory address, outer page number of virtual memory address generated (only if level two is selected), and offset respectively.
9. Vertical columns at middle bottom side gives more information about mapping, in time of process, dirty bit etc.