Project-1 VirtualMemory

Problem:

Finding the number of page faults for a given page size using FIFO replacement algorithm.

Approach:

->Reading address from file as hex value.

->Removing the offset (calculated using page size) to find the pagenumber of the address.

->An array to tabulate page table,however, the page table in the program holds the pagenumber. Whereas, in the actual hardware page table, page number is the index and frame number is updated.

->FIFO is implemented when the table is full using a pointer which is pointing to the position which is to be replaced.

->The pointer is reset to front when it reaches to the end of the array.

->The data file is tested for different pagesize such as 128,256,512,1024,2048,4096.

->The result is repersented in the following grapgh h

//graph discription

