PROCESS INFORMATION

1. WHAT INFORMATION WE CAN GATHER ABOUT THE PROCESS AND THREADS

CPU utilization shows the percentage of CPU being used by a process or thread. This is useful to see which process or thread is consuming the most CPU resources.

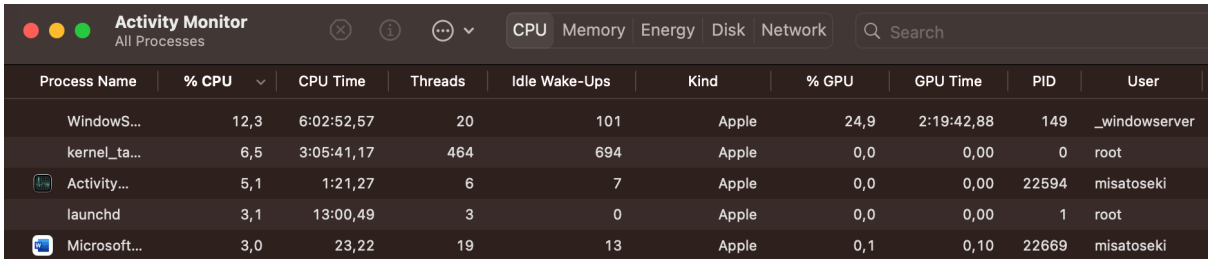
Memory Usage shows the amount of memory being used by processes and threads. This helps to see which process or thread is using the most memory on the system.

Process ID indicates the unique ID assigned to the process. This allows us to identify a specific process.

Thread Count indicates the number of threads a process is running. This allows us to see how many threads a particular process is using.

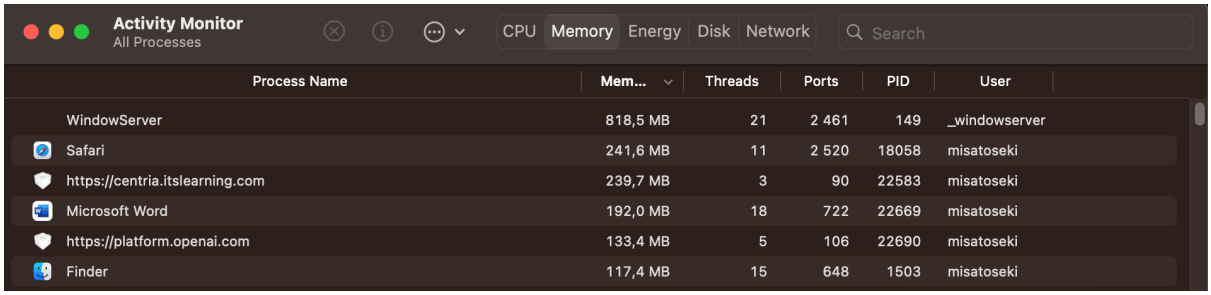
With this information, the Activity Monitor can help us see how a particular process or thread is affecting the performance of our system.

CPU



Process Name	% CPU	CPU Time	Threads	Idle Wake-Ups	Kind	% GPU	GPU Time	PID	User
WindowS...	12,3	6:02:52,57	20	101	Apple	24,9	2:19:42,88	149	_windowserver
kernel_ta...	6,5	3:05:41,17	464	694	Apple	0,0	0,00	0	root
Activity...	5,1	1:21,27	6	7	Apple	0,0	0,00	22594	misatoseki
launchd	3,1	13:00,49	3	0	Apple	0,0	0,00	1	root
Microsoft...	3,0	23,22	19	13	Apple	0,1	0,10	22669	misatoseki

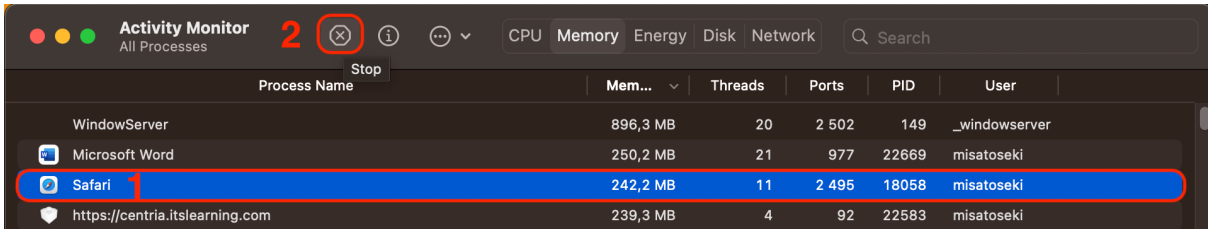
Memory



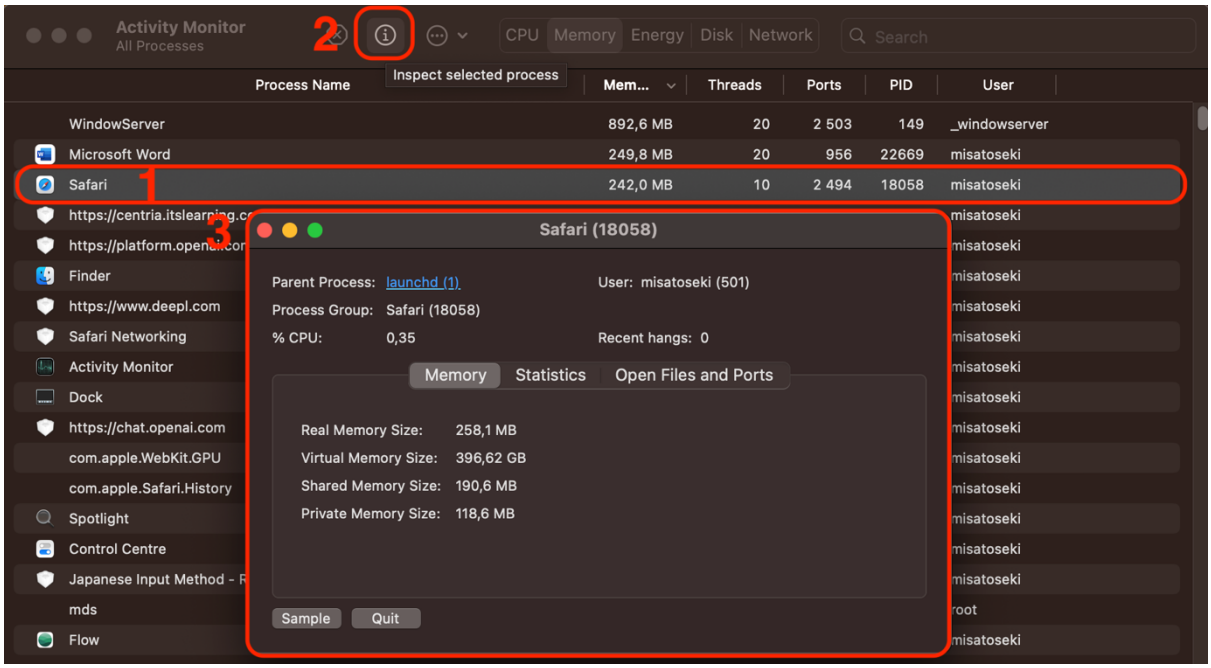
Process Name	Mem...	Threads	Ports	PID	User
WindowServer	818,5 MB	21	2 461	149	_windowserver
Safari	241,6 MB	11	2 520	18058	misatoseki
https://centria.itslearning.com	239,7 MB	3	90	22583	misatoseki
Microsoft Word	192,0 MB	18	722	22669	misatoseki
https://platform.openai.com	133,4 MB	5	106	22690	misatoseki
Finder	117,4 MB	15	648	1503	misatoseki

2. HOW WE CAN TERMINATE OR ANALYZE A PROCESS

To terminate a process in the Activity Monitor, we select the process we wish to terminate and click the cross symbol at the top.



To analyze a process in the Activity Monitor, select the process we wish to analyze and click on the i symbol at the top. The detail screen will then appear.



3. HOW WE CAN CHANGE THE PRIORITY OF A PROCESS ON OUR SYSTEM

To change the priority of a process, we select the "CPU" tab and select the process whose priority we wish to change. Once we have selected a process, click the "Priority" button in the lower left corner. Priority choices will appear. The higher the priority, the more CPU processing power the process can use.

4. WHAT I LEARNED

Process information is information about the status and behavior of individual programs running on a computer system. I found that process information helps us monitor the system performance and solve problems.