**CreateLoans Profiler:**

* A profilin tool can provide the information about runtime behaviors of the application, the behaviors such as threads states, CPU performance, and memory usage.
* Click the Profile in the menu > Click on Profile Project > Select the desired profiling mode.

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* **Telemetry:**   
  **Memory:** It stores objects and JRE classes. Whenever an object has been created, it occupies space in the heap memory. (The memory looks normal in this project)
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* **Methods:** The information of the methods that have been used and what methods have been used the most. (The “main” method)

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* **Objects:** It shows the Live Bytes information of the classes in the object. Classes can be chosen or using filter to enter the specific classes that would like to be monitored.

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* **Threads:** To be able to monitor threads & their activity during application running. There are two views of the threads: “Threads timeline” and “Thread detailed”.

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In the “process” section:  
A thread dump is useful when analyzing execution problems. Thus, a heap dump is useful for analyzing some memory issues.

select “Take heap dump from the profiled process.” The thread details and system details will show up.

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**CreateLoans debugging:**

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