



METHOD TRACE ANALYZER

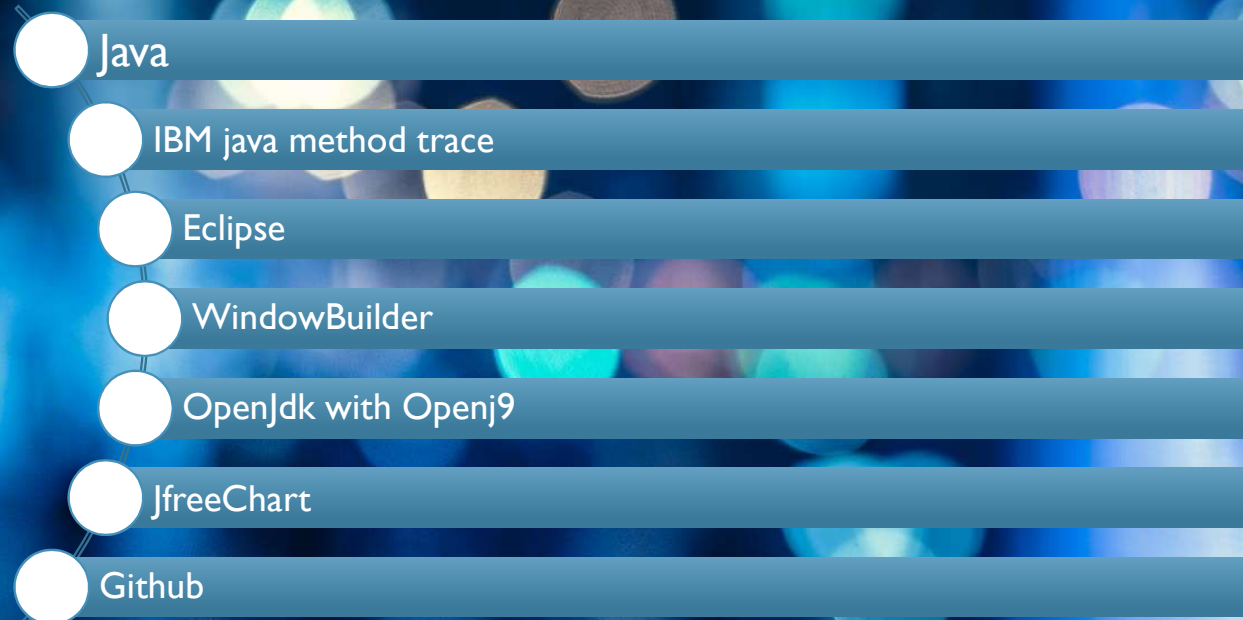
TEAM NAME

Akatsuki

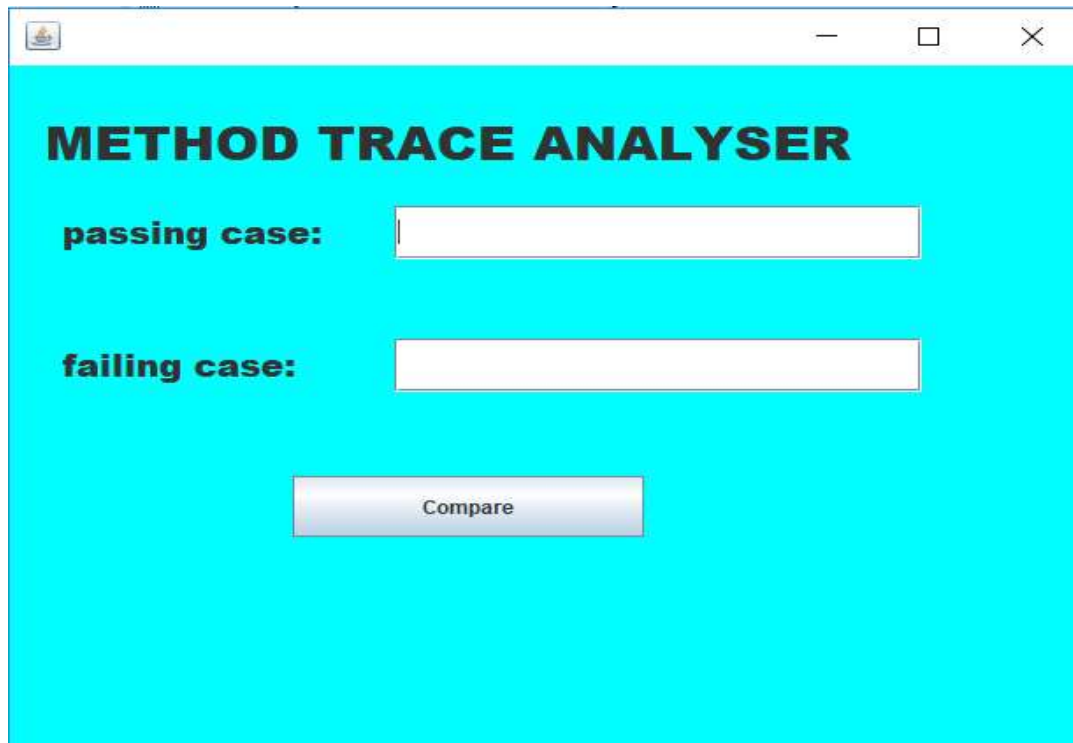
Jatin Jha

Sakar Jain

TECHNOLOGY STACK:



SCREENSHOT OF GUI



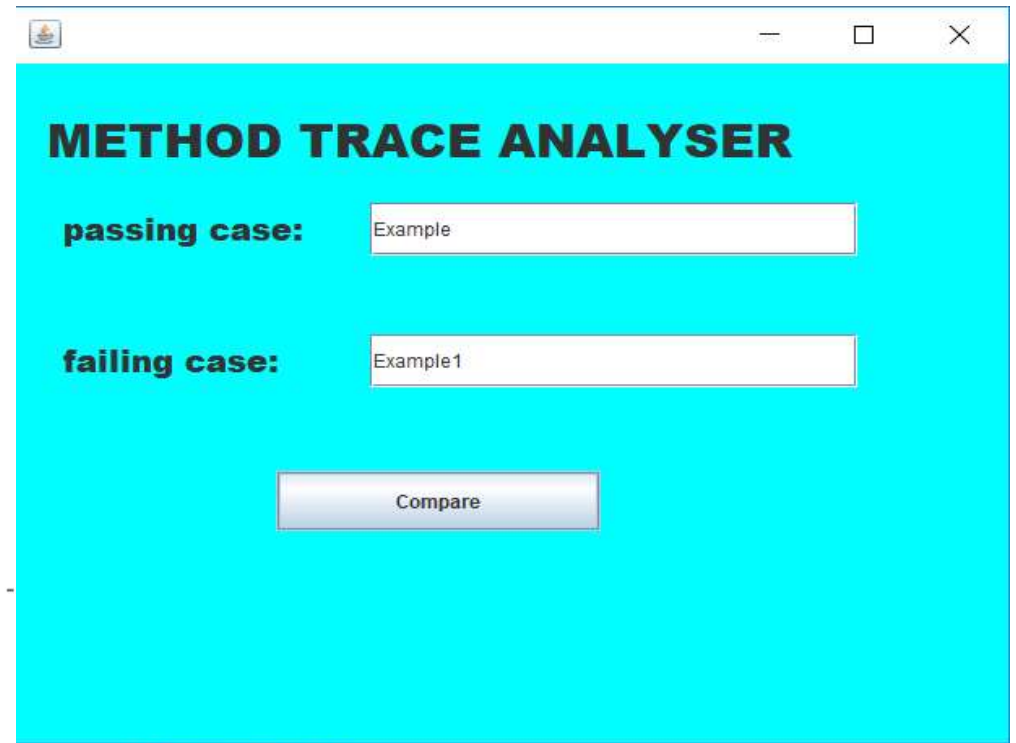
A screenshot of a Windows-style application window titled "METHOD TRACE ANALYSER". The window has a cyan background and a white title bar with standard minimize, maximize, and close buttons. Inside the window, there are two text input fields. The first is labeled "passing case:" and is empty. The second is labeled "failing case:" and is also empty. Below these fields is a button labeled "Compare".

METHOD TRACE ANALYSER

passing case:

failing case:

Compare



A second screenshot of the same "METHOD TRACE ANALYSER" application window. In this version, the "passing case:" field contains the text "Example" and the "failing case:" field contains the text "Example1". The "Compare" button remains at the bottom.

METHOD TRACE ANALYSER

passing case:

failing case:

Compare

OUTPUT ON CONSOLE

```
Tasks Console Servers Error Log
MethodTraceGUI (2) [Java Application] C:\Program Files\Java\jre1.8.0_181\bin\javaw.exe (15-Jul-2019, 2:23:43 am)
passing class name :- Example.java
failing class name :- Example1.java
===== passing class analysis =====

+-----+-----+-----+
|Method|Time|Frequency|
+-----+-----+-----+
|calculateMessage|8.583949999945162E-4|1|
|calculatediv|4.744999998251842E-6|1|
|main|0.00990182500000003|1|
|calculateSum|8.613139999980035E-4|1|
+-----+-----+-----+

first class time duration :- 0.00990182500000003

=====Exception exists=====
exception found in method :- calculateMessage() (Example1.java:5)

===== failing class analysis =====

+-----+-----+-----+
|Method|Time|Frequency|
+-----+-----+-----+
|calculateMessage|1.831450000011614E-4|1|
|main|1.9700800000066465E-4|1|
|calculateSum|1.8606400000464873E-4|1|
+-----+-----+-----+
```


OUTPUT ON CONSOLE

MethodTraceGUI (2) [Java Application] C:\Program Files\Java\jre1.8.0_181\bin\javaw.exe (15-Jul-2019, 2:23:43 am)

Method	Time	Frequency
calculateMessage	8.583949999945162E-4	1
calculatediv	4.744999998251842E-6	1
main	0.00990182500000003	1
calculateSum	8.613139999980035E-4	1

first class time duration :- 0.00990182500000003

=====Exception exists=====

exception found in method :- calculateMessage() ([Example1.java:5](#))

===== failing class analysis =====

Method	Time	Frequency
calculateMessage	1.831450000011614E-4	1
main	1.9700800000066465E-4	1
calculateSum	1.8606400000464873E-4	1

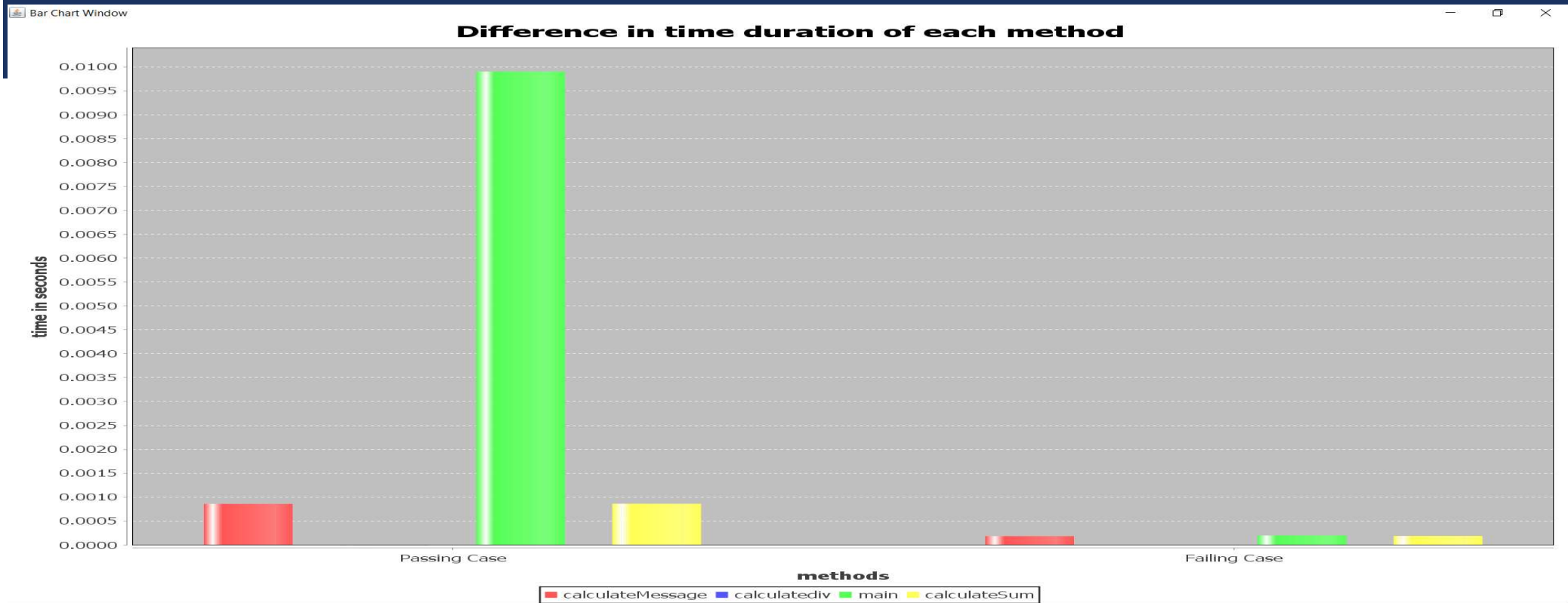
===== time difference b/w same methods of passing case and failing case =====

*) calculateMessage ==>6.752499999933548E-4

*) main ==>0.009704816999999366

*) calculateSum ==>6.752499999933548E-4

GRAPHICAL OUPUT OF METHODS DURATION





For explanation watch
video available on
github :-

<https://github.com/jatinjha/method-trace-analyzer-ibm.git>

THANK YOU