Java Assignment

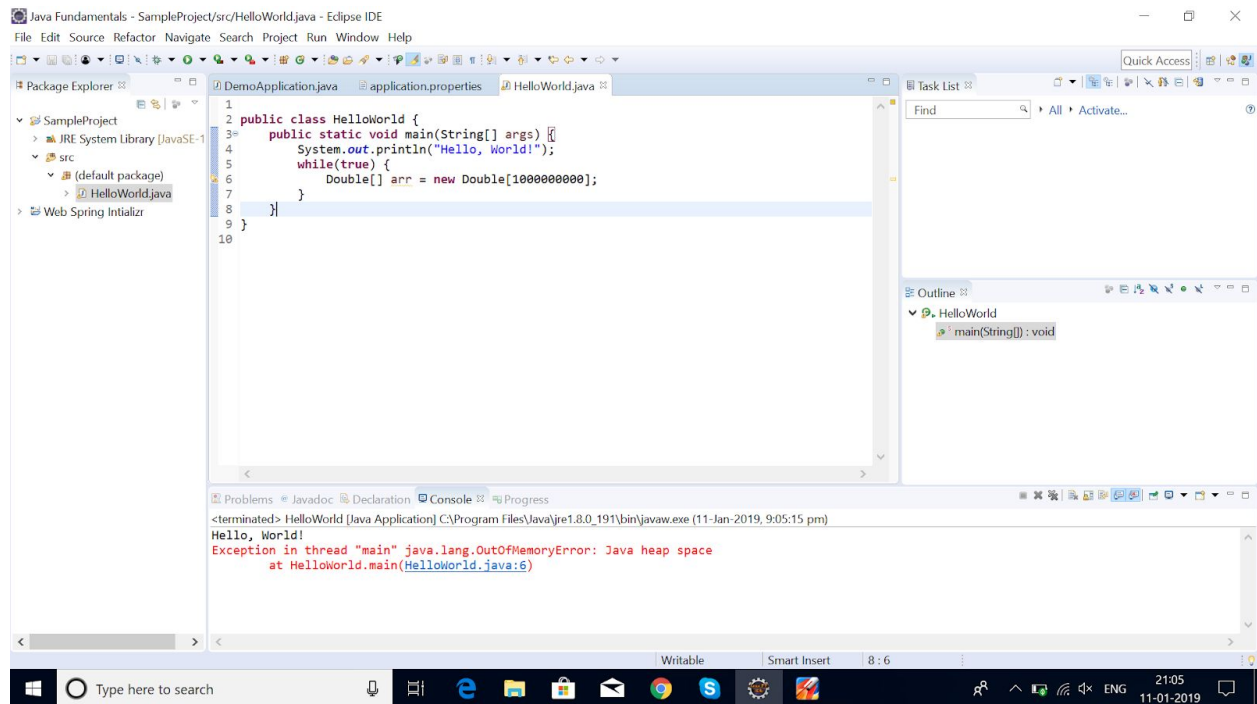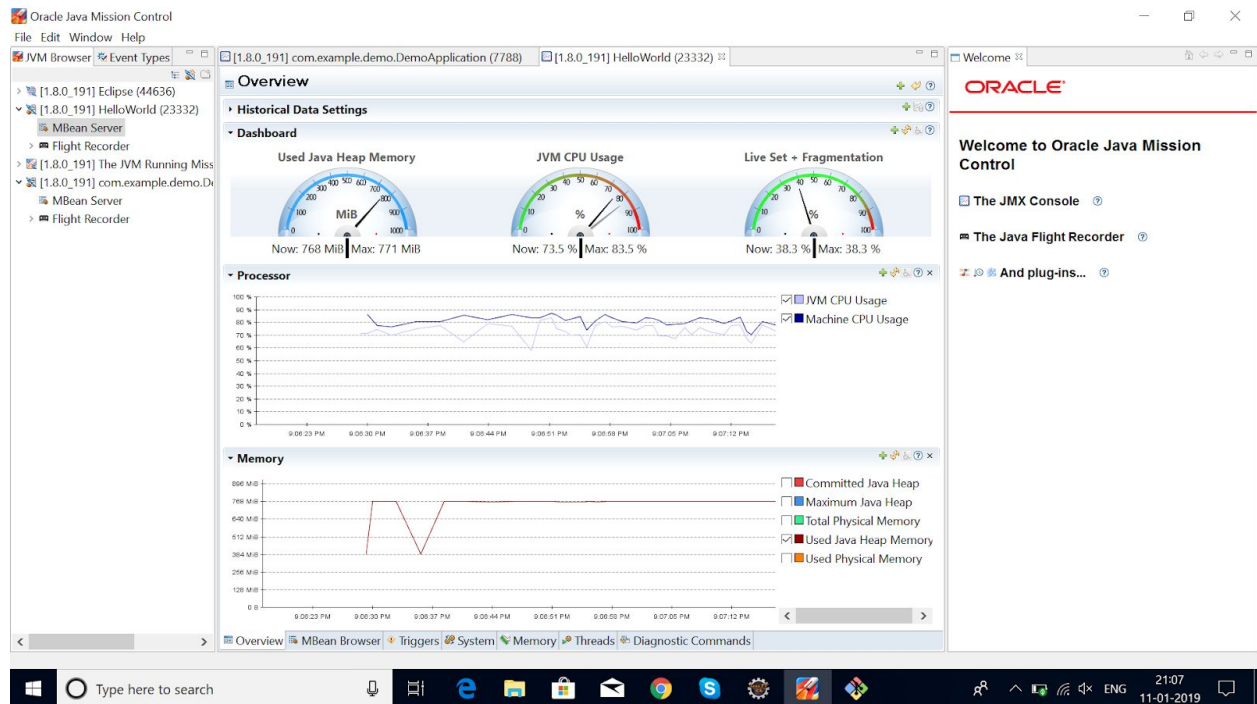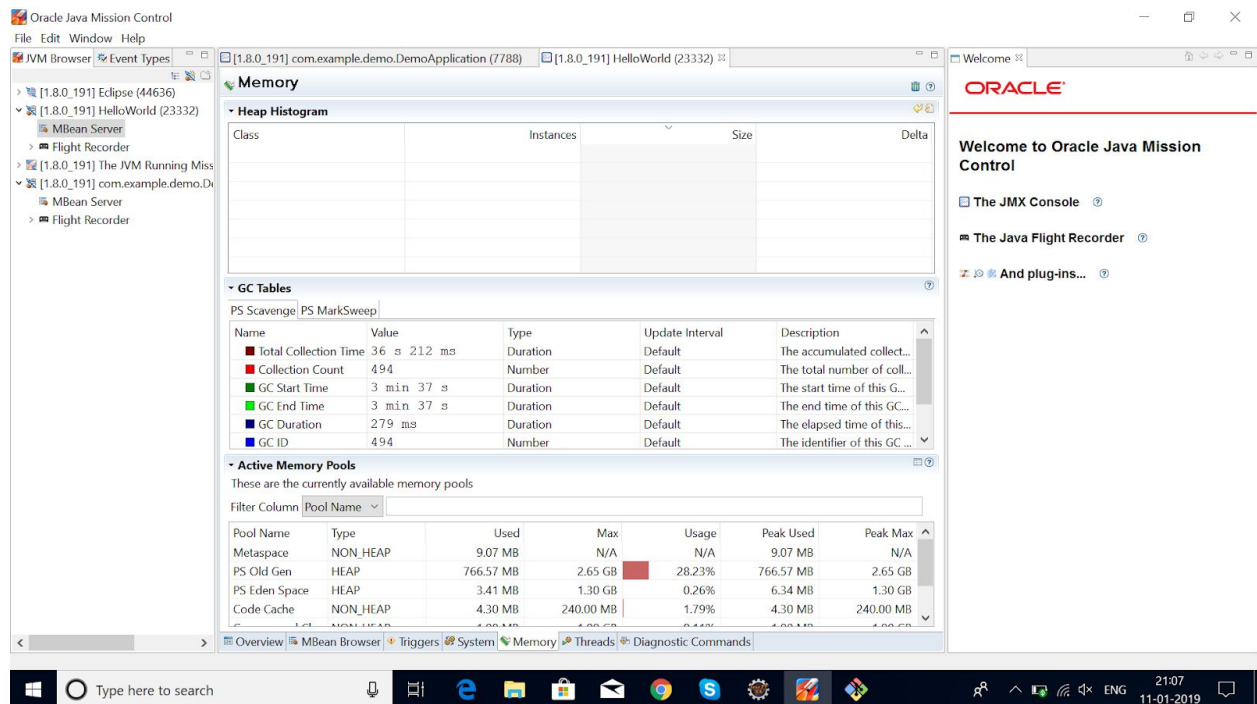**Submitted by:- Matha Dileep**
- INT244
9490421430

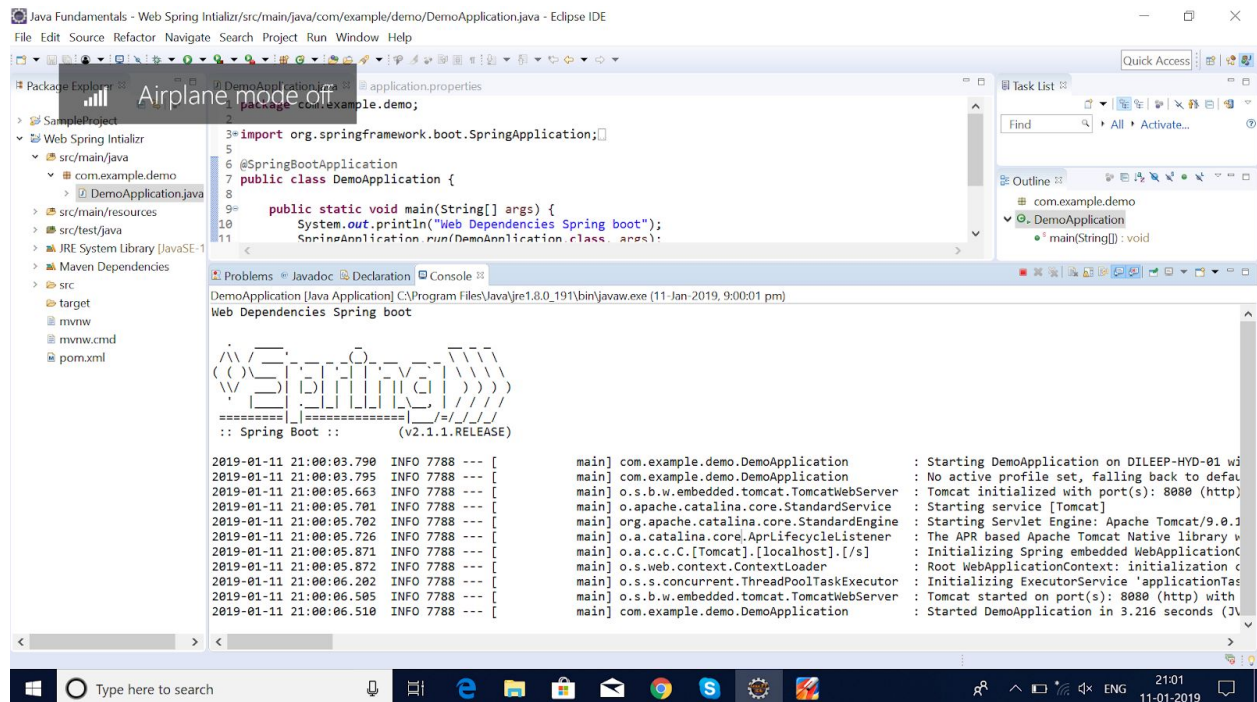## Java Program for Memory out of Bounds Error

Graph of Heap Memory in Memory Error
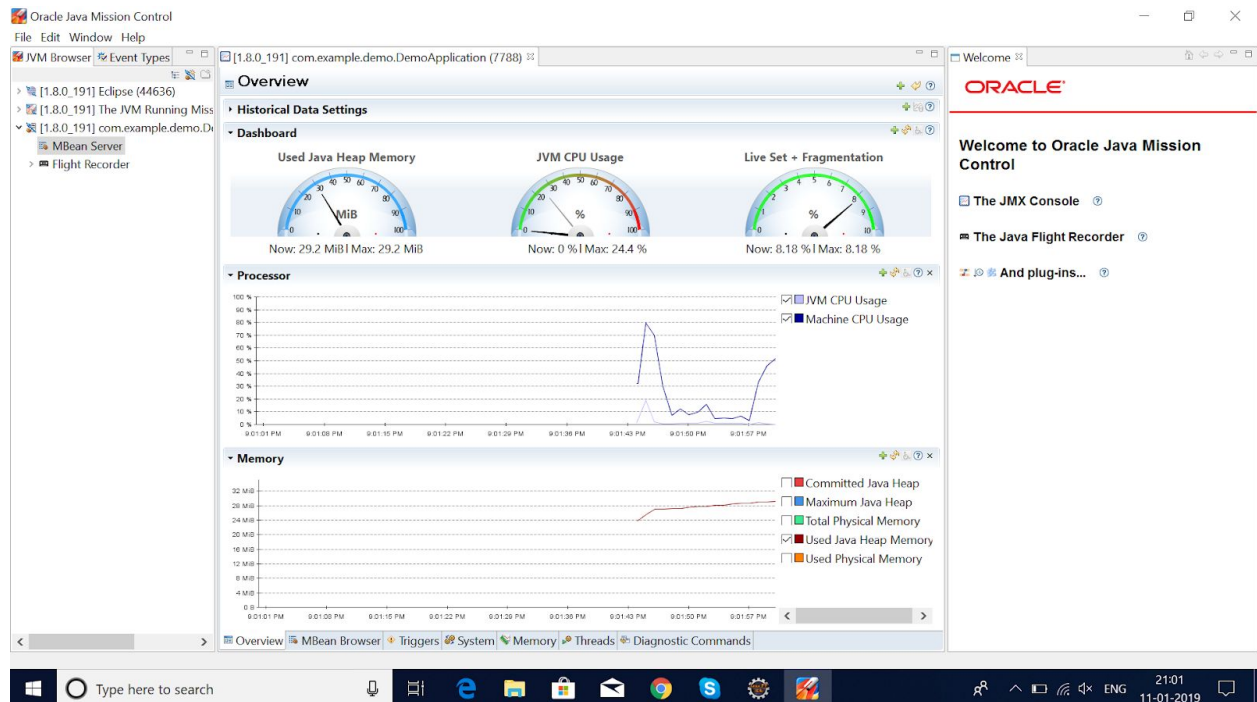
Old Gen and Eden space for Memory error

Spring Demo Application

Spring Application Heap Memory Graph

Spring Application Old Gen and Eden Space

Oracle Java Mission Control

File Edit Window Help

JVM Browser Event Types

- [1.8.0_191] Eclipse (44636)
- [1.8.0_191] The JVM Running Miss
- [1.8.0_191] com.example.demo.De
  - MBean Server
  - Flight Recorder

[1.8.0_191] com.example.demo.DemoApplication (7788)

Memory

▼ Heap Histogram

Class	Instances	Size	Delta

▼ GC Tables

PS MarkSweep PS Scavenge

Name	Value	Type	Update Interval	Description
Total Collection Time	126 ms	Duration	Default	The accumulated collect...
Collection Count	2	Number	Default	The total number of coll...
GC Start Time	1 min 37 s	Duration	Default	The start time of this G...
GC End Time	1 min 37 s	Duration	Default	The end time of this GC...
GC Duration	94 ms	Duration	Default	The elapsed time of this...
GC ID	2	Number	Default	The identifier of this GC ...

▼ Active Memory Pools

These are the currently available memory pools

Filter Column Pool Name

Pool Name	Type	Used	Max	Usage	Peak Used	Peak Max
Code Cache	NON_HEAP	11.43 MB	240.00 MB	4.76%	12.13 MB	240.00 MB
Metaspace	NON_HEAP	34.29 MB	N/A	N/A	34.29 MB	N/A
PS Old Gen	HEAP	17.39 MB	2.65 GB	0.64%	17.39 MB	2.65 GB
PS Eden Space	HEAP	12.71 MB	1.30 GB	0.95%	64.00 MB	1.30 GB

Overview MBean Browser Triggers System Memory Threads Diagnostic Commands

Welcome

Welcome to Oracle Java Mission Control

☐ The JMX Console ?

☐ The Java Flight Recorder ?

☐ And plug-ins... ?

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