SCREENSHOTS OF CYVIS TOOL FOR WMC (DESCRIPTIVE STATISTICS)
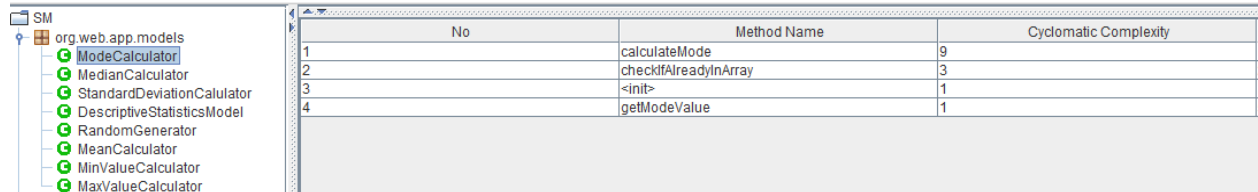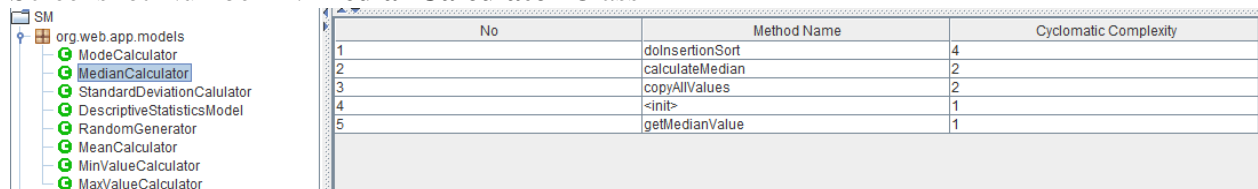
Screenshot Number 1 : **ModeCalculator** Class
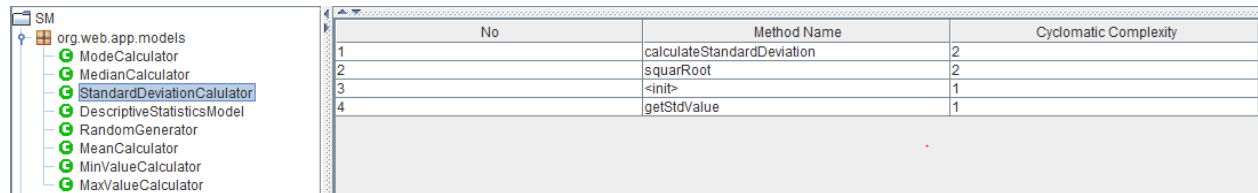
No	Method Name	Cyclomatic Complexity
1	calculateMode	9
2	checkIfAlreadyInArray	3
3	<init>	1
4	getModeValue	1

Screenshot Number 2 : **MedianCalculator** Class
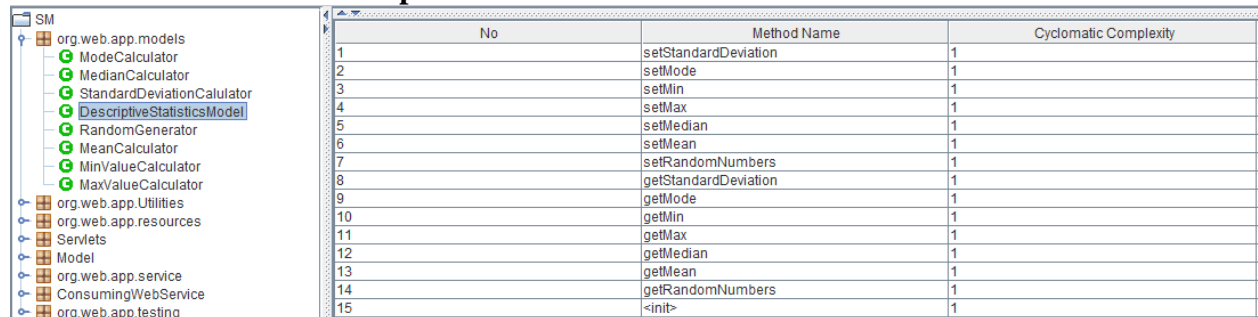
No	Method Name	Cyclomatic Complexity
1	doInsertionSort	4
2	calculateMedian	2
3	copyAllValues	2
4	<init>	1
5	getMedianValue	1

Screenshot Number 3 : **StandardDeviationCalulator** Class
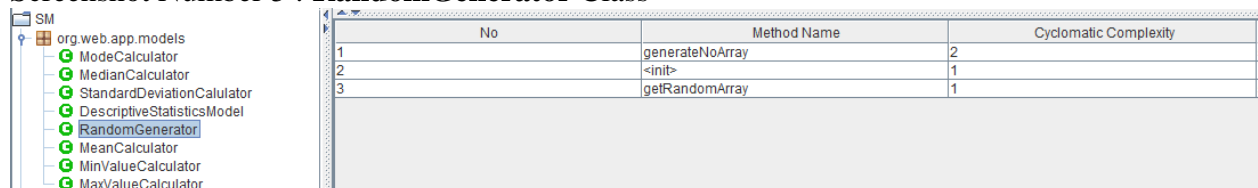
No	Method Name	Cyclomatic Complexity
1	calculateStandardDeviation	2
2	squarRoot	2
3	<init>	1
4	getStdValue	1

Screenshot Number 4 : **DescriptiveStatisticsModel** Class

No	Method Name	Cyclomatic Complexity
1	setStandardDeviation	1
2	setMode	1
3	setMin	1
4	setMax	1
5	setMedian	1
6	setMean	1
7	setRandomNumbers	1
8	getStandardDeviation	1
9	getMode	1
10	getMin	1
11	getMax	1
12	getMedian	1
13	getMean	1
14	getRandomNumbers	1
15	<init>	1

Screenshot Number 5 : **RandomGenerator** Class

No	Method Name	Cyclomatic Complexity
1	generateNoArray	2
2	<init>	1
3	getRandomArray	1

1

Screenshot Number 6 : **MinValueCalculator** Class

No	Method Name	Cyclomatic Complexity	
1	calculateMean	2	4
2	<init>	1	1
3	getMeanValue	1	5

Tree:
- SM
  - org.web.app.models
    - ModeCalculator
    - MedianCalculator
    - StandardDeviationCalulator
    - DescriptiveStatisticsModel
    - RandomGenerator
    - MeanCalculator
    - MinValueCalculator
    - MaxValueCalculator

Screenshot Number 7 : **MinValueCalculator** Class

No	Method Name	Cyclomatic Complexity	
1	calculateMin	3	
2	<init>	1	
3	getMinValue	1	

Tree:
- SM
  - org.web.app.models
    - ModeCalculator
    - MedianCalculator
    - StandardDeviationCalulator
    - DescriptiveStatisticsModel
    - RandomGenerator
    - MeanCalculator
    - MinValueCalculator
    - MaxValueCalculator

Screenshot Number 8 : **MaxValueCalculator** Class

No	Method Name	Cyclomatic Complexity	
1	calculateMax	3	4
2	<init>	1	1
3	getMaxValue	1	5

Tree:
- SM
  - org.web.app.models
    - ModeCalculator
    - MedianCalculator
    - StandardDeviationCalulator
    - DescriptiveStatisticsModel
    - RandomGenerator
    - MeanCalculator
    - MinValueCalculator
    - MaxValueCalculator

Screenshot Number 9 : **RoundValues** Class

No	Method Name	Cyclomatic Complexity
1	round	1
2	<init>	1

Tree:
- SM
  - org.web.app.models
  - org.web.app.Utilities
    - RoundValues

Screenshot Number 10 : **DescriptiveStatisticsResource** Class
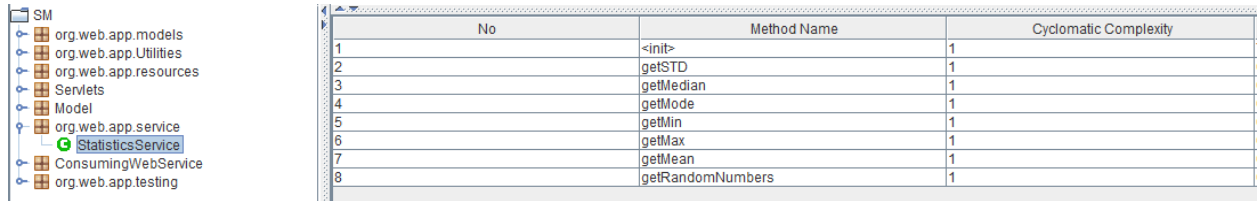
No	Method Name	Cyclomatic Complexity
1	calculateStatistics	1
2	<init>	1
3	getIt	1

Tree:
- SM
  - org.web.app.models
  - org.web.app.Utilities
  - org.web.app.resources
    - DescriptiveStatisticsResource

Screenshot Number 11 : **LoginServlet** Class

No	Method Name	Cyclomatic Complexity
1	doGet	4
2	<init>	1

Tree:
- SM
  - org.web.app.models
  - org.web.app.Utilities
  - org.web.app.resources
  - Servlets
    - LoginServlet

Screenshot Number 12 : **DescriptiveStatisticsModel** Class

No	Method Name	Cyclomatic Complexity
1	setStandardDeviation	1
2	setMode	1
3	setMin	1
4	setMax	1
5	setMedian	1
6	setMean	1
7	setRandomNumbers	1
8	getStandardDeviation	1
9	getMode	1
10	getMin	1
11	getMax	1
12	getMeadian	1
13	getMean	1
14	getRandomNumbers	1
15	<init>	1

Tree:
- SM
  - org.web.app.models
  - org.web.app.Utilities
  - org.web.app.resources
  - Servlets
  - Model
    - DescriptiveStatisticsModel
  - org.web.app.service
  - ConsumingWebService
  - org.web.app.testing
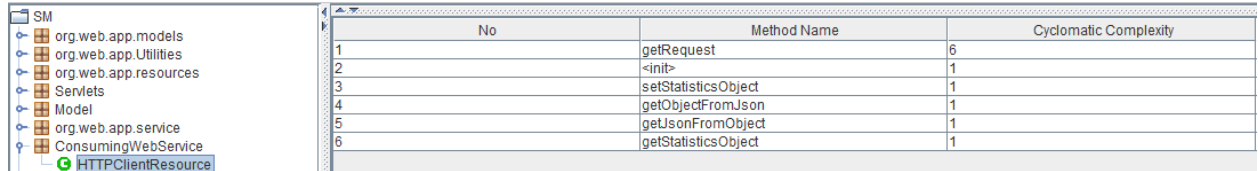
Screenshot Number 13 : **StatisticsService** Class

SM
- org.web.app.models
- org.web.app.Utilities
- org.web.app.resources
- Servlets
- Model
- org.web.app.service
  - StatisticsService
- ConsumingWebService
- org.web.app.testing

No	Method Name	Cyclomatic Complexity
1	<init>	1
2	getSTD	1
3	getMedian	1
4	getMode	1
5	getMin	1
6	getMax	1
7	getMean	1
8	getRandomNumbers	1

Screenshot Number 14 : **HTTPClientResource** Class

SM
- org.web.app.models
- org.web.app.Utilities
- org.web.app.resources
- Servlets
- Model
- org.web.app.service
- ConsumingWebService
  - HTTPClientResource

No	Method Name	Cyclomatic Complexity
1	getRequest	6
2	<init>	1
3	setStatisticsObject	1
4	getObjectFromJson	1
5	getJsonFromObject	1
6	getStatisticsObject	1