```java
// Scenario 3 Dynamic People Tracing
// We added these commands in switch statement in processOperations method in
RmitCovidModelling.java while we are generating data
// For example, if we evaluate vertex additions of the graph, then type "S3AV"
// For example, if we evaluate vertex deletions of the graph, then type "S3DV"


// Evaluation for vertex additions
case "S3AV":
        long startTime = System.nanoTime();
        for(int i = graph.getVerticesSize() + 1; i < graph.getVerticesSize() * 2 + 1; i++) {
                String i_string = String.valueOf(i);
                graph.addVertex(i_string);
        }
        long endTime = System.nanoTime();
        outWriter.println("time taken = " + ((double)(endTime - startTime)) / Math.pow(10, 9) + "
sec");

        break;


// Evaluation for vertex deletions
case "S3DV":
        long startTime = System.nanoTime();
        for(int i = 1; i < graph.getVerticesSize() + 1; i++) {
                String i_string = String.valueOf(i);
                graph.deleteVertex(i_string);
        }
        long endTime = System.nanoTime();
        outWriter.println("time taken = " + ((double)(endTime - startTime)) / Math.pow(10, 9) + "
sec");

        break;
```