Assignment 1 – part 1

1. Define a class called Main<yourName>
2. This class expects an input file name to be provided thro the command line argument; if the file is not provided then the program exits with an error message. You need to know how to provide a command line argument in Eclipse IDE.
3. Assume the existence of classes called DPSolver<yourName> and Timer<yourName>.
4. Main<yourName> will contain only the “main” function, which should
5. pass the input file to a DPSolver<yourName> object.
6. Start the system clock using the start() in Timer<yourName>.
7. Use the solve() in DPSolver<yourName> to solve the sat problem in the input file.
8. Stop the system clock using the stop() in Timer<yourName>.
9. Print out the time taken to solve the problem.
10. Write the Timer class with three methods: start(), stop() and getDuration().