

Echo Algorithm

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Introduction:

This is a coursework project of distributed algorithm in Newcastle University Computing School. This project simulates the echo algorithm using Java as programming language.

Project Structure:

```
distributed_algorithm_coursework
  src
    java
      uk.co.ncl.ad.coursework
        Node.java
        RunAlgorithm.java
    resources
      1.txt
      2.txt
      3.txt
      4.txt
```

Instruction:

1. This project is built in IntelliJ IDEA, please use IntelliJ IDEA to run it. If you only have Eclipse, please create a new Java project in Eclipse and copy two packages showed below into your "src".

```
uk.co.ncl.ad.coursework
  Node.java
  RunAlgorithm.java
resources
  1.txt
  2.txt
  3.txt
  4.txt
```

2. You should open the RunAlgorithm.java file, run the **main** method.
3. When the application starts, you can select one file and input the filename into the console, press **enter** button, the algorithm will execute.