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Implementation of NeedleMan Wunch Algorithm

**Way to Execute:**

**Step1: To compile the program go to the specific directory from your console where the code is saved.**

**Step 2: Navigate to the Main file which is in (location: NeedleMan-Wunch/src/needleman/)**

**Step 3: This folder contains the main file “Main.java”**

**Step 4: execute (javac \*.java) to compile all the files**

**Step 5: Navigate back to (NeedleMan-Wunch/src/)**

**Step 6: run using the command (java needleman.Main)**

**Folders:**

**NeedleMan-Wunch:**

Main folder containing input, output, project description, and program code (NeedleMan-Wunch/src/).

**Input:**

Contains sequence and blosm matrix file.

**Output:**

Contains output file for NeedleMan Matrix, Pointer Matrix and AlignedSequence.

**src:**

Contains source code within “src/needleman/”. It contains of different classes:

1. BufferedReaderAndWriter.java
2. Main.java
3. NeedleManImplementor.java
4. Sequence.java