

|  |
| --- |
| **Data Structures & Algorithms III– SCS 2101**  Second Year - Group Assignment  Team 60 |
| Team 60  Team Members   * Y.A.U.I.SENSLY 17001625 2017/CS/162 udulaindunil@gmail.com * V.G.K.SEWWANDI 17001641 2017/CS/164 * N.S.SHASHIKALA 17001668 2017/CS/166 |
|  |

# We used *Pattern Matching Algorithm* - Brute Force for both Questions

Question 1

>>>>>>> Configarations <<<<<<<<<

* This java file was devloped in NetBeans IDE 8.1 environment.
* Import the project Main from the *assignment project* folder
* In this java code you should copy the path of your test.txt file, pattern.txt and patternmatch.txt in to the code
* Do not need to manually create the output text file , but should mention the file name and the path to the output text file.

FileReader textFile = new FileReader("........text.txt file path here......");

FileReader patterFile = new FileReader("........pattern.txt file path here......");

File patternMatchFile = new File("........patternmatch.txt file path here......");

>>>>>>> Introduction <<<<<<<<

* In text.txt file you can include one string or many strings or paragarphs also.
* In pattern.txt file you can include one pattern or many patterns,

but when including many patterns seperate them by a space, *not include them in separate lines in pattern.txt.*

* The positions start from 0 , positions of the first character is 0 in the text.txt file

Question 1

Question 2

>>>>>>> Configaratons <<<<<<<<<

* This java file was devloped in NetBeans IDE 8.1 environment.
* Import the project DNA from the *assignment project* folder
* In this java code you should copy the path of your DNA Database.txt file, query.txt and Results.txt in to the code
* Do not need to manually create the output text file , but should mention the file name and the path to the output text file

FileReader dnaFile = new FileReader("........DNA Database.txt file path here......");

FileReader query = new FileReader("........querybase.txt file path here......");

File dnaResult = new File("........output.txt file path here......");

Question two -