**README**

Ensure you are in the "**1800CodingChallenge**" directory in terminal after building the software.

**HOW TO COMPILE**

Run the following command to compile the software

*javac src/main/\*.java src/main/exception/\*.java src/main/utils/\*.java*

**HOW TO RUN**

* Default dictionary is used. Phone Number from STDIN  
   *java -cp ./src/ main.PhoneNumberEncoding*
* Default dictionary is used. Phone Number in form of text file  
   java -cp ./src/ main.PhoneNumberEncoding PathOfPhoneNumberTextFile
* User defined dictionary. Phone Number from STDIN

*java -cp ./src/ main.PhoneNumberEncoding -d PathOfDictionaryTextFile*

* User defined dictionary. Phone Number in form of text file

*java -cp ./src/ main.PhoneNumberEncoding -d PathOfDictionaryTextFile PathOfPhoneNumberTextFile*

NOTE: Default dictionary is provided in 1800CodingChallenge/dic.txt. In case you wish to change default dictionary, replace dic.txt in 1800CodingChallenge with your dictionary and rename it as “dic.txt”.