

## Main

+main(args:String[]): void

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## WrongDatatypeException

+WrongDatatypeException(filename:String)

## WrongCharacterException

+WrongCharacterException()

+WrongCharacterException(filename:String,  
linenumber:int)

## IOFiles

+readFile(inputFilename:String): String  
+writeFile(fileContent:String,outputFilename:String): void  
-checkFileType(): void  
-processLine(line:String): String  
-processCharacter(character:char): String  
-replaceGermanCharacter(character:String): String

## CipherTable

+generateCipherTable(keyword:String): ArrayList<String>  
-validateKeyword(keyword:String): void

## DeCipher

-alphabet: String  
-keyword: String  
-cipherTable: ArrayList<String>  
+DeCipher(keyword:String)  
+getKeyword(): String  
+getCipherTable(): ArrayList<String>  
+decipherText(inputFilename:String,outputFilename:String): void

## Cipher

-keyword: String  
-inputText: String  
-cipheredText: String  
-cipherTable: ArrayList<String>  
+Cipher(keyword:String,inputText:String)  
+runCipher(): void